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Montana automatic counters

AUTOMATIC COUNTERS 1993

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MONTANA
AUTOMATIC COUNTERS

1993

PREPARED BY THE
STATE OF MONTANA DEPARTMENT OF TRANSPORTATION
TRAFFIC OPERATIONS SECTION

IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

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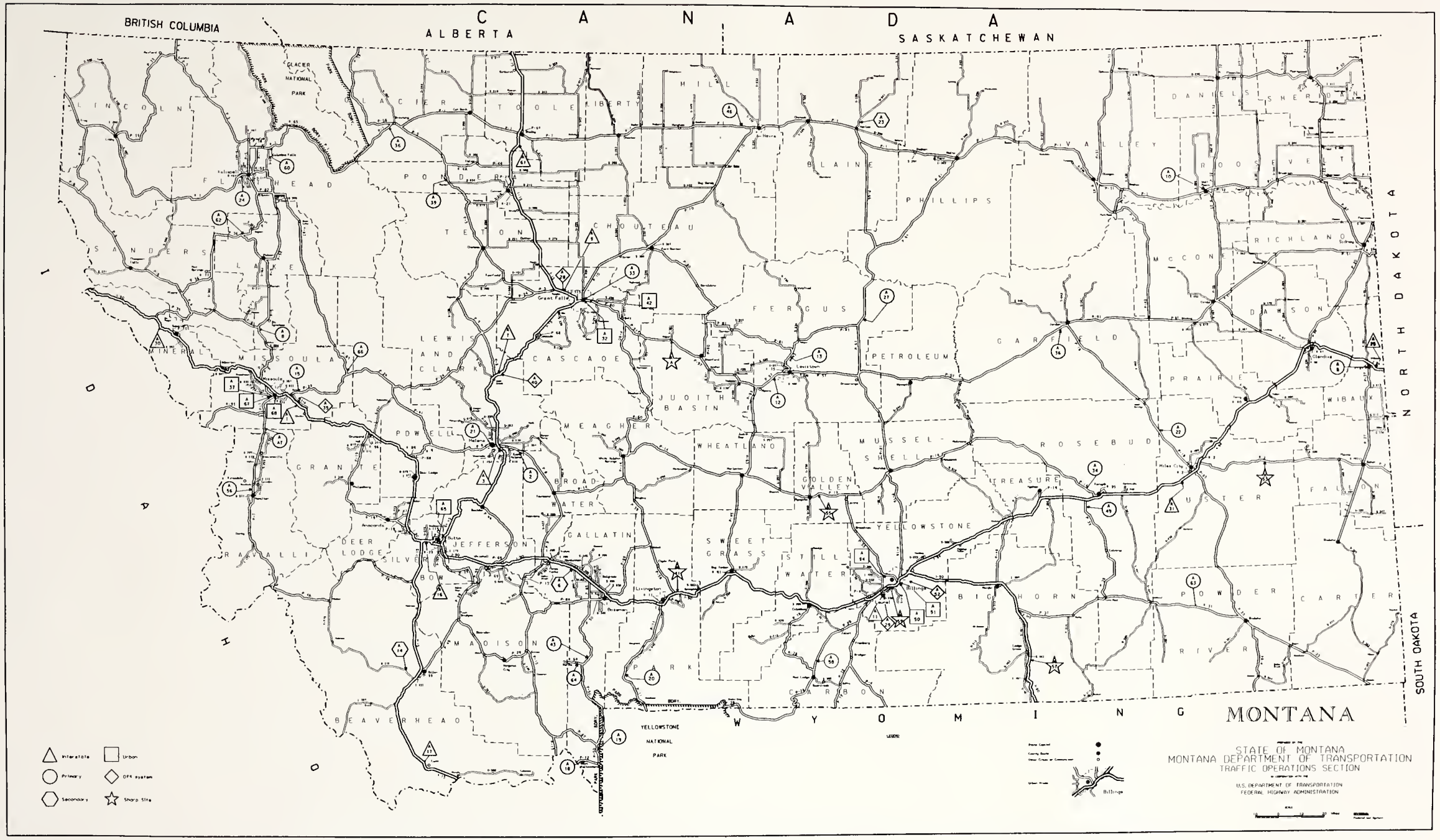
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MONTANA DEPARTMENT OF TRANSPORTATION
TRAFFIC OPERATIONS SECTION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

I N T R O D U C T I O N

This report contains a brief, concise summary of traffic patterns at each of the 64 continuous automatic traffic recorders located on Montana highways, that were in operation during 1993. The traffic volumes for each month and day of the week are compared to average daily traffic for the year.

Also included within each record are the highest, the 10th, 20th, 30th, as well as, the 50th and 100th peak hour traffic volumes that occurred during each year. These peak volumes are listed as a percentage of the average daily traffic. These percentages are compared to previous years of historical data to determine reliability and accuracy.

The 64 counters are distributed throughout the Highway Systems as follows:

12 on Interstate Principal Arterial Rural

3 on Interstate Principal Arterial Urban

22 on Primary Principal Arterial Rural

6 on Primary Principal Arterial Urban

9 on Primary Minor Arterial Rural

3 on Minor Arterial Urban

6 on Major Collector Rural

2 on Off System Collector Urban

1 on Off System Local Rural

30th Maximum Hour

The American Association of Highway Officials decided it was not practical to design for the average daily traffic or the highest traffic that occurs during the year. If highways are designed for the average daily traffic, there would be times when the movement of vehicles would surge far above the average. If designed for the highest traffic volume, such conditions would occur only once or twice a year. Upon thorough investigation, it was agreed that the 30th highest hour would be feasible traffic volume for design purposes. This particular hour is known as the Design Hour Volume (DHV), or the 30th maximum hour, and was to be used as the criterion for the design of the "National System of Interstate Highways". It is also now used in the design of Primary and Secondary Highways in Montana.

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-1

Route I-90, East of Missoula

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1251	290	23.2	216	17.3	196	15.7	195	15.6				
1951	2007	348	17.3					293	14.6				
1961	2238	390	17.4	290	12.9	283	12.6	279	12.5				
1971	3596	540	15.0	487	13.5	470	13.1	460	12.8				
1981	5137	983	19.1	659	12.8	649	12.6	639	12.4				
1982	5091	767	15.1	712	14.0	677	13.3	633	13.0				
1983	5394	786	14.6	709	13.1	691	12.8	685	12.7				
1984	5556	793	14.3	724	13.0	712	12.8	702	12.6				
1985	5482	810	14.8	731	13.3	706	12.9	692	12.6				
1986	5798	860	14.8	770	13.3	748	12.9	737	12.7				
1987	6031	816	13.5	790	13.1	777	12.9	757	12.6				
1988	6098	832	13.6	768	12.6	759	12.4	748	12.3				
1989	6286	941	14.9	757	12.0	726	11.5	708	11.3				
1990	6953	1040	14.9	939	13.5	913	13.1	899	12.9				
1991	7084	1123	15.8	972	13.7	933	13.2	917	12.9				
1992	7812	1117	14.3	1035	13.2	1013	13.0	992	12.7				
1993	8193	1308	16.0	1179	14.4	1137	13.9	1111	13.6	1080	13.2	1022	12.5

**Design Hour Volume

RLL:Q:PRE:16.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-01 TURAH

YEAR: 1993

LOCATION: I-90, 10.0 MILES EAST OF MISSOULA, MP 114.5

LARGE TRUCKS: 15.1%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	4775	4497	4636	4648	4922	5157	5011	4823	4790	100.69%	58.87%
FEBRUARY	5457	5079	4817	5029	5253	6369	5621	5375	5309	101.24%	65.61%
MARCH	7582	5726	5782	6220	6552	7887	7186	6628	6365	104.13%	80.90%
APRIL	7854	6780	6658	6690	7358	8777	7875	7470	7326	101.97%	91.18%
MAY	8095	7707	6656	7456	8140	9459	8285	7977	7875	101.30%	97.37%
JUNE	11606	10037	9806	10073	10221	11824	10781	10576	10351	102.17%	129.09%
JULY	12129	12180	11377	11554	12158	13879	12458	12304	12301	100.02%	150.18%
AUGUST	13320	11685	11148	11643	12143	13770	12781	12326	12017	102.57%	150.45%
SEPTEMBER	9962	9576	8611	8821	9257	11559	10525	9711	9517	102.04%	118.53%
OCTOBER	8308	7499	7271	7517	8011	9733	8662	8216	8088	101.58%	100.28%
NOVEMBER	7816	5602	6041	7244	6535	7622	7151	6790	6537	103.87%	82.88%
DECEMBER	6103	5916	6139	6128	6375	6420	5601	6118	6210	98.52%	74.68%
DAILY AVE FOR YEAR	8584	7690	7412	7752	8077	9371	8495	8193	8057	101.68%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-2

Route U.S. 12, East of East Helena

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	3704							433	14.1				
1961	1820	276	18.2	258	14.8	251	13.8	246	14.1				
1971	2651	449	17.5	414	16.6	399	15.1	385	14.1				
*1981	2879	477	17.0	405	16.6	390	13.8	395	14.1				
1982	2879	455	18.2	405	14.8	449	14.1	393	14.1				
1983	3181	589	18.2	494	15.5	449	14.0	427	14.1				
1984	3087	601	17.5	436	14.1	416	13.4	393	12.9				
1985	2991	544	18.2	452	15.1	416	14.1	408	14.1				
1986	3183	542	17.8	414	13.8	416	13.2	305	12.9				
1951	3887	470	18.2	436	13.1	433	13.1	451	12.9				
1986	3389	767	22.6	493	14.8	475	14.0	451	14.1				
1989	3340	589	17.8	436	13.8	440	13.2	408	14.1				
1990	3599	496	17.8	598	16.6	547	15.2	427	14.1				
1991	3433	570	16.6	483	14.1	458	13.3	448	13.0				
1992	3660	570	15.6	491	13.4	479	13.1	464	12.7				
1993	3782	581	15.4	510	13.5	496	13.1	483	12.8	472	12.5	438	11.6

*New Alignment

**Design Hour Volume

RLL:Q:PRE:17.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-02 CLASOIL YEAR:1993

LOCATION: US 12 & 287,P-8, 9.0 MILES EAST OF HELENA, MP 54.5 LARGE TRUCKS: 5.3%

	AVERAGE NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	2639	2655	2543	2589	2858	2987	2852	2741	2739	100.07%	72.48%
FEBRUARY	2835	2865	2629	2656	2872	3600	3171	2947	2924	100.79%	77.93%
MARCH	3644	3117	2926	3101	3262	4181	3590	3368	3282	102.62%	89.06%
APRIL	3708	3387	3302	3413	3684	4385	3904	3707	3670	101.01%	98.02%
MAY	4106	4016	3595	3854	4013	4991	4477	4155	4090	101.59%	109.87%
JUNE	4919	4269	4139	4162	4119	5238	4610	4471	4364	102.45%	118.22%
JULY	4741	4574	4504	4622	4758	5300	4688	4758	4777	99.60%	125.81%
AUGUST	4882	4249	4162	4209	4785	5686	5131	4700	4581	102.60%	124.28%
SEPTEMBER	4594	4392	4045	3993	4091	4895	4279	4308	4261	101.10%	113.91%
OCTOBER	3656	3398	3464	3484	3669	4787	4180	3844	3809	100.92%	101.64%
NOVEMBER	3415	3042	3042	3255	3150	3458	3329	3228	3176	101.64%	85.36%
DECEMBER	3014	3191	2994	3144	3246	3506	2886	3155	3227	97.77%	83.43%
DAILY AVE FOR YEAR	3846	3596	3445	3540	3709	4418	3925	3782	3742	101.07%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-3

Route I-15, South of Helena

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1988	6869	980	14.0	791	11.5	758	11.0	735	10.7				
*1989	6666	834	12.5	980	11.7	763	11.4	759	11.6				
1990	6958	908	12.1	812	11.7	793	11.4	759	11.6				
1991	7060	908	12.5	847	12.0	834	11.8	822	11.6				
1992	7763	963	12.4	913	11.7	894	11.5	889	11.5				
1993	8113	989	12.2	945	11.6	932	11.5	921	11.4	905	11.2	884	10.9

*In operation for 9 months

**Design Hour Volume

RLL:Q:PRE:18.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-03 HELENA

YEAR: 1993

LOCATION: I-15, 0.5 MILES SOUTH OF HELENA, MP 192

LARGE TRUCKS: 4.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY SUN THRU SATURDAY	AVE WEEKDAY MON THRU FRIDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	5176	6718	7077	7159	7333	7090	6193	6627	7076	93.65%	81.68%
FEBRUARY	5529	6976	6976	7248	7486	8194	6736	7020	7376	95.17%	86.52%
MARCH	6529	7546	7718	8207	8201	9027	7616	7834	8098	96.74%	96.56%
APRIL	6510	7839	8459	8697	8833	9410	8214	8336	8691	95.92%	102.74%
MAY	6977	7935	8152	8570	8573	9743	8526	8301	8563	96.94%	102.31%
JUNE	7542	8821	9088	9262	9268	10059	8535	8955	9288	96.41%	110.37%
JULY	7674	8876	9444	9698	9918	10549	8556	9286	9746	95.28%	114.45%
AUGUST	7765	9292	9586	9580	9628	10444	8562	9228	9682	95.31%	113.74%
SEPTEMBER	6917	8142	8886	8908	9121	10015	8342	8645	9015	95.90%	106.55%
OCTOBER	6649	8209	8494	8744	8649	9495	7996	8293	8755	94.72%	102.21%
NOVEMBER	6020	7491	7875	8484	7247	8530	7092	7544	7903	95.46%	92.98%
DECEMBER	5708	7386	7560	7721	7883	7819	6576	7291	7691	94.80%	89.86%
DAILY AVE FOR YEAR	6583	7936	8276	8523	8512	9198	7745	8113	8490	95.56%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-4

Route U.S. 87, East of Geyser

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
*1988	1380	230	16.7	216	15.7	177	12.8	169	12.2				
1989	1599	446	27.9	339	21.2	320	20.0	302	18.9				
1990	1566	232	14.8	213	13.6	197	12.6	191	12.2				
1991	1622	277	17.1	225	13.9	212	13.1	206	12.7				
1992	1710	275	16.1	216	12.6	211	12.3	207	12.1				
1993	1707	244	14.3	222	13.0	210	12.3	203	11.9	195	11.4	184	10.8

*In operation for 2 months

**Design Hour Volume

RLL:Q:PRE:19.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-04 GEYSER

YEAR: 1993

LOCATION:US 87, P-57, 1.7 MILES EAST OF GEYSER, MP 23

LARGE TRUCKS: 14.6%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	1029	1199	1214	1277	1329	1241	1175	1203	1251	96.16%	70.46%
FEBRUARY	1213	1312	1159	1239	1449	1601	1341	1330	1352	98.37%	77.90%
MARCH	1577	1400	1342	1467	1573	1835	1527	1519	1508	100.73%	88.97%
APRIL	1733	1681	1541	1680	1741	2042	1662	1737	1751	99.20%	101.74%
MAY	1792	1833	1661	1708	1951	2256	1854	1861	1879	99.04%	109.00%
JUNE	2061	1929	1918	1902	2047	2271	1860	1992	2004	99.40%	116.67%
JULY	2069	2100	2020	2019	2135	2400	1940	2103	2147	97.95%	123.17%
AUGUST	2202	2129	1994	2102	2156	2445	2046	2149	2156	99.68%	125.87%
SEPTEMBER	1677	1786	1701	1646	1742	2182	1772	1780	1801	98.83%	104.26%
OCTOBER	1798	1694	1608	1820	1734	2077	1864	1810	1800	100.56%	106.01%
NOVEMBER	1673	1378	1453	1733	1472	1716	1625	1568	1538	101.95%	91.84%
DECEMBER	1367	1394	1474	1505	1526	1452	1294	1436	1473	97.49%	84.11%
DAILY AVE FOR YEAR	1683	1653	1590	1675	1738	1960	1663	1707	1722	99.17%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-5

Route Montana 7, South of Wibaux

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		*** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1987	219	50	22.8	37	16.9	34	15.5	33	16.6				
1951	330							49	14.9				
1961	541	100	18.8	74	13.7	68	12.6	65	16.6				
1971	577	255	44.7	173	10.9	145	25.1	112	16.6				
1987	863	255	29.5	160	26.4	108	16.8	101	16.6				
1982**													
1983**													
1988	570	100	45.4	177	26.4	100	19.4	101	16.6				
1985	600	233	44.7	168	24.0	108	18.5	104	16.6				
1986	589	213	40.1	100	17.8	104	16.3	85	16.6				
1987	628	233	41.6	146	23.2	108	15.5	104	16.6				
1988	600	253	40.5	124	10.9	115	18.4	104	16.6				
1987	600	100	55.7	213	34.8	101	27.9	124	20.3				
1990	622	317	51.0	134	21.5	108	18.3	104	16.6				
1990	608	273	44.7	160	24.0	108	17.8	85	16.6				
1992	600	263	40.1	150	24.0	108	19.4	101	16.2				
1993	630	274	43.5	159	25.2	135	21.4	125	19.8	92	14.6	74	11.7

**Under Construction

***Design Hour Volume

PLL:Q:PRE:21.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-05 WIBAUX

YEAR: 1993

LOCATION: MT 7, P-27, 1.0 MILES SOUTH OF WIBAUX, MP 79

LARGE TRUCKS: 6.2%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	395	469	465	523	505	539	460	478	502	95.22%	75.90%
FEBRUARY	423	477	486	528	501	569	500	498	512	97.27%	79.08%
MARCH	494	542	535	559	551	602	546	547	556	98.38%	86.86%
APRIL	548	557	598	620	640	671	650	615	621	99.03%	97.66%
MAY	631	620	674	638	696	705	605	650	665	97.74%	103.22%
JUNE	746	698	660	654	636	697	667	678	668	101.50%	107.66%
JULY	696	661	658	656	717	690	624	672	679	98.97%	106.71%
AUGUST	999	794	700	791	816	1043	1162	894	821	108.89%	141.96%
SEPTEMBER	769	698	652	678	718	760	817	725	701	103.42%	115.13%
OCTOBER	842	642	667	708	692	750	724	723	695	104.03%	114.81%
NOVEMBER	497	566	569	609	526	577	539	556	569	97.72%	88.29%
DECEMBER	448	518	525	567	515	507	561	521	527	98.86%	82.73%
DAILY AVE FOR YEAR	624	604	599	628	626	676	655	630	626	100.55%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-6

Route FAS 288, South of Manhattan

Functional Class Major Collector

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		40th		50th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	255	90	35.3	50	19.6	44	17.3	42	16.5				
1951	348							52	14.9				
1961	328	144	43.9	64	19.5	51	15.5	47	14.3				
1971	389	97	14.9	67	17.2	56	14.4	52	13.4				
1981	496	105	21.2	73	14.7	66	13.3	63	12.7				
1982	505	92	18.2	78	15.4	69	13.7	65	12.9				
1983	509	89	17.5	73	14.3	67	13.2	64	12.6				
1984	564	136	24.1	99	17.6	79	14.0	73	12.9				
1985	534	128	24.0	84	15.7	75	14.0	69	12.9				
1986	543	104	19.2	72	13.3	69	12.7	67	12.3				
1987	559	102	18.2	83	14.8	74	13.2	69	12.3				
1988	560	112	20.0	80	14.3	72	12.9	68	12.1				
1989	559	118	21.1	83	14.8	77	13.8	72	12.9				
1990	558	108	19.4	79	14.2	75	13.4	70	12.5				
1991	625	104	16.6	82	13.1	79	12.6	76	12.2				
1992	664	147	22.1	93	14.0	86	13.0	82	12.3				
1993	710	128	18.0	102	14.4	94	13.2	89	12.5	86	12.1	80	11.3

**Design Hour Volume

PLL:Q:PRE:22.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-06 MANHATTEN

YEAR: 1993

LOCATION: FAS 288, 0.5 MILES SOUTH OF MANHATTAN, MP 1

LARGE TRUCKS: 2.4%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	419	513	557	564	596	569	576	540	560	96.43%	76.08%
FEBRUARY	471	559	589	572	625	675	633	589	604	97.52%	82.99%
MARCH	559	694	702	709	669	776	682	686	709	96.76%	96.65%
APRIL	589	768	846	866	816	867	763	791	833	94.96%	111.45%
MAY	701	830	825	842	790	824	784	797	823	96.84%	112.29%
JUNE	654	741	816	741	793	777	761	756	774	97.67%	106.52%
JULY	644	693	746	762	775	786	710	733	755	97.09%	103.28%
AUGUST	700	761	778	793	773	807	754	764	781	97.82%	107.64%
SEPTEMBER	585	759	804	766	852	894	821	785	814	96.44%	110.60%
OCTOBER	644	787	784	819	801	818	832	782	802	97.51%	110.18%
NOVEMBER	517	730	712	714	656	729	629	673	709	94.92%	94.82%
DECEMBER	456	662	656	651	629	666	609	621	652	95.25%	87.50%
DAILY AVE FOR YEAR	578	708	735	733	731	766	713	710	735	96.61%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-7

Route I-15, North of Wolf Creek

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	534	129	24.2	396	20.2	97	15.2	93	17.4				
1983	886							135	15.2				
1983	1096	396	16.7	358	14.0	148	13.0	143	13.0				
1983	1647	338	20.0	259	15.7	250	15.2	246	15.2				
1981	2169	434	20.0	391	15.4	304	14.0	297	13.0				
1987	2173	433	16.7	391	14.0	321	13.0	315	13.0				
1983	2364	466	19.2	358	15.1	342	14.1	331	13.0				
1984	2331	447	19.2	358	15.2	329	14.0	315	13.0				
1990	2440	391	15.6	358	14.6	148	14.1	336	13.0				
1986	2439	409	19.2	391	14.9	344	14.0	333	13.0				
1987	2475	433	16.7	391	14.6	304	13.0	327	13.0				
1988	2706	409	16.7	396	14.6	376	13.9	369	13.0				
1990	2731	453	19.2	391	14.0	374	13.0	362	13.0				
1990	3064	511	16.7	453	14.8	434	14.0	426	13.0				
1991	2949	447	19.2	434	14.0	399	13.6	315	13.3				
1992	3055	453	16.7	414	13.6	405	13.0	398	13.0				
1993	3248	533	16.4	476	14.7	461	14.2	444	13.7	428	13.2	402	12.4

**Design Hour Volume

PLL:Q:PRE:23.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-07 WOLF CREEK YEAR: 1993

LOCATION: I-15, 2.5 MILES NORTH OF WOLF CREEK, MP 231.8 LARGE TRUCKS: 11.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2319	1988	1968	2078	2168	2323	2421	2198	2115	103.92%	67.67%
FEBRUARY	2524	2261	2085	2190	2310	2958	2892	2460	2361	104.19%	75.74%
MARCH	3294	2268	2348	2589	2641	3324	3274	2779	2603	106.76%	85.56%
APRIL	3419	2682	2607	2776	3001	3692	3648	3133	2987	104.89%	96.46%
MAY	3687	3116	2511	2808	3002	3879	3822	3288	3066	107.24%	101.23%
JUNE	4567	3419	3372	3602	3538	4416	4291	3860	3653	105.67%	118.84%
JULY	4775	4421	4039	4098	4253	5104	4765	4514	4410	102.36%	138.97%
AUGUST	5078	4063	3841	4134	4224	5128	5218	4507	4248	106.10%	138.76%
SEPTEMBER	3692	3442	2988	3101	3262	4470	4107	3554	3428	103.68%	109.42%
OCTOBER	3396	2831	2723	3080	3101	4006	3688	3303	3189	103.57%	101.69%
NOVEMBER	3226	2270	2413	2934	2640	3245	2974	2783	2667	104.35%	85.68%
DECEMBER	2690	2408	2454	2453	2610	2840	2703	2598	2564	101.33%	79.99%
DAILY AVE FOR YEAR	3556	2931	2779	2987	3063	3782	3650	3248	3108	104.52%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-8

Route U.S. 93, South of Ravalli

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	848	305	44.6	200	23.6	167	19.7	153	13.8				
1987	1357							224	15.0				
1983	1811	527	29.1	305	16.8	281	15.5	271	15.0				
1971	2922	551	16.5	462	15.8	425	14.4	414	13.8				
1987	3932	638	16.2	551	14.1	578	13.5	578	15.0				
1982	3913	774	16.3	592	15.1	564	14.4	565	13.8				
1983	4336	705	16.3	638	13.8	578	13.4	688	13.8				
1984	4442	641	14.4	592	13.3	564	12.7	153	12.5				
1989	4297	662	15.4	601	14.0	578	15.0	565	13.8				
1986	4570	200	15.7	647	14.2	591	13.2	591	12.5				
1987	4907	200	15.7	650	13.8	962	12.9	608	12.5				
1986	5073	734	16.5	712	14.2	673	13.3	646	12.5				
1989	5118	764	16.3	200	13.8	675	19.7	654	12.8				
1990	5283	753	16.3	714	13.5	683	12.8	667	12.5				
1991	5178	200	14.4	674	13.0	663	12.8	648	12.5				
1992	5814	962	16.5	834	14.3	770	13.2	745	12.5				
1993	6114	999	16.3	863	14.1	794	13.0	773	12.6	744	12.2	710	11.6

**Design Hour Volume

PLL:Q:PRE:24.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-08 RAVALLI

YEAR: 1993

LOCATION: US 93, P-5, 0.5 MILES SOUTH OF RAVALLI, MP 26.7

LARGE TRUCKS: 8.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	3176	3702	4010	4157	4360	4057	3810	3875	4057	95.51%	63.37%
FEBRUARY	3756	4341	4288	4390	4636	5143	4373	4418	4559	96.91%	72.26%
MARCH	4816	4776	4829	4979	5396	5933	5561	5153	5140	100.25%	84.28%
APRIL	5174	5337	5433	5444	5893	6685	6056	5756	5807	99.12%	94.14%
MAY	6277	6193	5812	5912	6180	7600	7056	6440	6332	101.71%	105.32%
JUNE	7418	7118	6903	7065	7025	8203	7498	7296	7237	100.82%	119.32%
JULY	8643	8640	7928	8201	8374	9797	9006	8695	8633	100.72%	142.20%
AUGUST	8853	8075	7901	8306	8467	9622	8678	8530	8430	101.19%	139.51%
SEPTEMBER	6572	6727	6424	6600	6819	8208	7646	6980	6933	100.68%	114.16%
OCTOBER	5554	5965	5794	6058	6265	7318	6813	6283	6330	99.26%	102.76%
NOVEMBER	4481	4364	4855	5397	4997	5727	5003	4951	5026	98.51%	80.97%
DECEMBER	4180	5008	5103	5043	5347	5356	4748	4996	5181	96.43%	81.71%
DAILY AVE FOR YEAR	5742	5854	5773	5963	6147	6971	6354	6114	6139	99.60%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-9

Route I-15, West of Great Falls

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	1490	277	18.6	224	15.0	207	13.9	195	13.1				
1951	2497							307	12.3				
1961	3613	692	19.2	455	12.6	420	11.6	411	11.4				
1971	4789	675	14.1	590	12.3	538	11.2	520	10.9				
1981	5209	681	13.1	596	11.4	579	11.1	562	10.8				
1982	5195	730	14.1	629	12.1	600	11.6	583	11.2				
1983	5397	711	13.2	646	12.0	610	11.3	597	11.1				
1984	5416	685	12.7	609	11.2	586	10.8	578	10.7				
1985	5312	658	12.4	601	11.3	581	10.9	567	10.7				
1986*	5553												
1987	5599	703	12.6	642	11.5	627	11.2	610	10.9				
1988	5978	808	13.5	709	11.9	676	11.3	659	11.0				
1989	6494	899	13.8	747	11.5	727	11.2	711	10.9				
1990	6578	810	12.3	767	11.7	725	11.0	706	10.7				
1991	6862	880	12.8	794	11.6	776	11.3	763	11.1				
1992	7291	918	12.6	862	11.8	805	11.0	786	10.8				
1993	7275	899	12.4	825	11.3	798	11.0	778	10.7	756	10.4	724	10.0

*Estimated ADT; Out of service in August, September and October due to construction.

**Design Hour Volume

PLL:Q:PRE:25.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-09 VAUGHN

YEAR: 1993

LOCATION: I-15, 7.0 MILES WEST OF GREAT FALLS, MP 287

LARGE TRUCKS: 7.1%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	4800	5399	5498	5782	5576	5893	5940	5554	5642	98.44%	76.34%
FEBRUARY	4815	5994	5889	5962	6189	6937	6010	5971	6194	96.40%	82.08%
MARCH	5746	5958	6079	6563	6353	7356	6539	6354	6427	98.86%	87.34%
APRIL	6499	7024	7068	7238	7585	8599	7556	7415	7556	98.13%	101.92%
MAY	6737	7360	7212	7378	7592	8801	7742	7520	7654	98.25%	103.37%
JUNE	7555	7886	8000	8070	8054	8906	7946	8058	8170	98.63%	110.76%
JULY	8092	8694	8619	8789	9025	9999	8983	8929	9070	98.45%	122.74%
AUGUST	8568	9029	8728	9101	9172	9976	9066	9061	9172	98.79%	124.55%
SEPTEMBER	6718	7510	7352	7508	7542	8897	8085	7650	7740	98.84%	105.15%
OCTOBER	6542	7125	7139	7494	7369	8561	7710	7438	7586	98.05%	102.24%
NOVEMBER	5696	6282	6585	7138	6206	7750	6726	6613	6760	97.83%	90.90%
DECEMBER	5593	6696	6882	6923	7011	7208	6615	6737	6957	96.84%	92.60%
DAILY AVE FOR YEAR	6447	7080	7088	7329	7306	8240	7410	7275	7411	98.17%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-10

Route U.S. 2, East of Wolf Point

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	503	176	35.0	102	20.3	72	14.3	64	12.7				
1951	920							109	11.9				
1961	1347	218	16.2	195	14.5	164	12.2	150	11.1				
1971	1648	305	18.5	211	12.8	198	12.0	191	11.6				
1981	2471	340	13.8	292	11.8	284	11.5	273	11.0				
1982	2257	292	12.9	267	11.8	261	11.6	258	11.4				
1983	2301	298	13.0	274	11.9	268	11.7	260	11.3				
1984	2307	312	13.5	278	12.1	269	11.7	266	11.5				
1985	2207	284	12.9	263	11.9	258	11.7	253	11.5				
1986	2105	298	14.2	276	13.1	266	12.6	260	12.4				
1987	2048	305	14.9	273	13.3	266	12.9	262	12.8				
1988	2108	309	14.7	272	12.9	266	12.6	260	12.3				
1989	2105	293	13.9	273	13.0	268	12.7	259	12.3				
1990	2137	292	13.7	276	12.9	270	12.6	264	12.4				
1991	2154	316	14.7	282	13.1	270	12.5	263	12.2				
1992	2236	327	14.6	289	12.9	282	12.6	277	12.4				
1993	2273	337	14.8	298	13.1	292	12.8	285	12.5	274	12.1	259	11.4

**Design Hour Volume

PLL:Q:PRE:26.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-10 WOLF POINT

YEAR: 1993

LOCATION: US 2, P-1, 2.0 MILES EAST OF WOLF POINT, MP 592.6

LARGE TRUCKS: 5.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1038	1865	1986	1972	2096	1897	1537	1743	1960	88.93%	76.67%
FEBRUARY	1154	1919	2004	2017	2255	2443	1857	1950	2128	91.64%	85.78%
MARCH	1287	2158	2099	2190	2295	2438	1774	2045	2225	91.91%	89.96%
APRIL	1441	2283	2295	2328	2520	2614	1996	2235	2423	92.24%	98.32%
MAY	1593	2366	2539	2492	2627	2779	2119	2327	2551	91.22%	102.36%
JUNE	2086	2798	2713	2773	2909	3208	2530	2719	2868	94.80%	119.61%
JULY	2261	2730	2860	2922	3261	3367	2659	2888	3054	94.56%	127.04%
AUGUST	1835	2776	2756	2792	2966	3006	2255	2610	2851	91.55%	114.81%
SEPTEMBER	1684	2394	2595	2657	2779	2927	2311	2494	2675	93.23%	109.71%
OCTOBER	1485	2282	2424	2366	2551	2749	1962	2241	2487	90.11%	98.58%
NOVEMBER	1231	2157	2154	2272	1982	2384	1730	1998	2187	91.36%	87.89%
DECEMBER	1215	2316	2228	2336	2201	2080	1696	2029	2229	91.03%	89.26%
DAILY AVE FOR YEAR	1526	2337	2388	2426	2537	2658	2036	2273	2470	92.04%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-11

Route I-90, West of Billings

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	2913	564	19.4	423	14.5	388	13.3	370	10.4				
1987	4659							536	11.5				
1961*													
1987	7638	927	12.6	835	10.9	799	10.5	781	10.4				
1961	10948	1291	11.9	1185	10.9	1143	10.4	1174	10.4				
1982	11331	1368	12.6	1232	10.9	1201	10.6	1174	10.4				
1983	11648	1695	12.6	1264	10.3	1280	10.4	1199	10.2				
1984	12248	1594	12.6	1328	10.9	1280	10.5	1261	10.3				
1985	12339	1561	12.6	1344	10.9	1315	10.2	1385	10.3				
1988	12678	1594	11.9	1366	10.9	1311	10.3	1386	10.3				
1987	13088	1565	11.9	1396	10.7	1362	10.4	1333	10.2				
1988	12863	1483	11.9	1353	10.5	1306	10.2	1261	9.8				
1987	13464	1695	12.6	1491	11.1	1435	10.2	1386	10.4				
1990	13961	1999	14.3	1512	10.3	1442	10.4	1306	10.4				
1991	14639	1760	12.6	1650	11.3	1594	10.4	1556	10.3				
1992	16212	1893	11.7	1767	10.3	1725	10.6	1385	10.3				
1993	17116	2108	12.3	2013	11.8	1917	11.2	1859	10.9	1813	10.6	1723	10.1

*Under construction

**Design Hour Volume

PLL:Q:PRE:27.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-11 BILLINGS

YEAR: 1993

LOCATION: I-90, 6.0 MILES WEST OF BILLINGS, MP 441.8

LARGE TRUCKS: 8.7%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	10774	13066	12802	13236	13667	14169	13222	12965	13425	96.57%	75.75%
FEBRUARY	11600	13584	13429	13164	14199	16625	15254	13979	14200	98.44%	81.67%
MARCH	12337	13480	13501	13660	13287	15963	15160	13877	13922	99.68%	81.08%
APRIL	14226	15575	15524	15925	16710	19116	16706	16365	16692	98.04%	95.61%
MAY	15719	16952	16696	17129	17628	20249	17820	17395	17694	98.31%	101.63%
JUNE	18452	19348	19128	19703	20044	22011	19660	19741	19990	98.75%	115.34%
JULY	19709	20824	20973	21240	21697	24321	21807	21616	21920	98.61%	126.29%
AUGUST	20953	22108	21484	22069	22245	24642	23092	22288	22445	99.30%	130.22%
SEPTEMBER	16296	17962	17986	18361	18788	21534	19677	18652	18894	98.72%	108.98%
OCTOBER	14503	16786	17118	17421	17609	19286	17469	17162	17722	96.84%	100.27%
NOVEMBER	13838	15055	15299	16701	14476	17799	16403	15621	15803	98.85%	91.27%
DECEMBER	13174	15820	16542	16512	16120	16494	14952	15728	16308	96.44%	91.89%
DAILY AVE FOR YEAR	15132	16713	16707	17093	17206	19351	17602	17116	17418	98.27%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-12

Route U.S. 87 and Montana 200, West Lewistown

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	637	120	18.8	97	15.2	90	14.1	84	13.2				
1951	1132							137	12.1				
1961	1491	194	13.0	172	11.5	167	11.2	163	10.9				
1971	1498	315	21.0	181	12.1	171	11.4	165	11.0				
1981	1698	247	14.5	215	12.7	201	11.8	200	11.7				
1982	1655	245	14.8	214	12.9	204	12.3	199	12.0				
1983	1702	276	16.2	216	12.7	207	12.2	200	11.8				
1984	1725	233	13.5	216	12.5	205	11.9	201	11.7				
1985	1699	336	19.8	227	13.4	216	12.7	211	12.4				
1986	1737	332	19.1	225	13.0	216	12.4	209	12.0				
1987	1749	538	30.8	226	12.9	217	12.4	210	12.0				
1988	1788	276	15.4	227	12.7	215	12.0	209	11.7				
1989	1744	270	15.5	227	13.0	214	12.3	207	11.9				
1990	1937	399	20.6	234	12.1	225	11.6	221	11.4				
1991	1874	274	14.6	227	12.1	219	11.7	214	11.4				
1992	2008	260	12.9	237	11.8	228	11.4	223	11.1				
1993	2062	272	13.2	246	11.9	236	11.4	232	11.3	225	10.9	214	10.4

**Design Hour Volume

PLL:Q:PRE:28.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-12 LEWISTOWN YEAR: 1993

LOCATION: US 87 & MT 200, P-57, 6.0 MILES WEST OF LEWISTOWN, MP 76.2 LARGE TRUCKS: 6.7%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	1209	1460	1484	1539	1626	1412	1289	1419	1500	94.60%	68.82%
FEBRUARY	1339	1536	1494	1477	1799	2001	1706	1621	1661	97.59%	78.62%
MARCH	1634	1697	1760	1785	1908	2036	1737	1789	1826	97.97%	86.76%
APRIL	1783	1907	1933	1991	2079	2281	2039	2014	2051	98.20%	97.68%
MAY	2094	2211	2157	2117	2307	2599	2188	2232	2275	98.11%	108.25%
JUNE	2275	2329	2377	2280	2384	2593	2340	2366	2387	99.12%	114.75%
JULY	2390	2426	2507	2505	2608	2868	2483	2552	2597	98.27%	123.77%
AUGUST	2394	2494	2421	2466	2471	2706	2476	2484	2507	99.08%	120.47%
SEPTEMBER	2110	2254	2236	2181	2321	2726	2318	2303	2335	98.63%	111.69%
OCTOBER	2075	2224	2224	2223	2165	2567	2348	2268	2294	98.87%	109.99%
NOVEMBER	1680	1868	1935	2073	1887	2230	1980	1947	1990	97.84%	94.43%
DECEMBER	1362	1796	1820	1826	1811	1899	1649	1748	1832	95.41%	84.78%
DAILY AVE FOR YEAR	1862	2017	2029	2039	2114	2327	2046	2062	2105	97.97%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-13

Route U.S. 191, North of Lewistown

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	407	111	27.3	83	20.4	67	16.5	63	15.5				
1951	593							85	14.3				
1961	1239	212	17.1	172	13.9	166	13.4	162	13.1				
1971	1083	161	14.9	135	12.5	131	12.1	127	11.7				
1981	1223	157	12.8	147	12.0	141	11.5	137	11.2				
1982	1141	174	15.3	144	12.6	138	12.1	135	11.8				
1983	1172	176	15.0	148	12.6	140	12.0	135	11.5				
1984	1143	169	14.8	147	12.9	138	12.1	135	11.8				
1985	1107	167	15.1	146	13.2	140	12.6	135	12.2				
1986	1106	156	14.1	135	12.2	132	11.9	129	11.7				
1987	1203	181	15.0	157	13.1	147	12.2	144	12.0				
1988	1248	183	14.7	164	13.1	155	12.4	151	12.1				
1989	1258	206	16.4	160	12.7	153	12.2	152	12.1				
1990	1204	176	14.6	154	12.8	147	12.2	143	11.9				
1991	1215	274	22.6	175	14.4	161	13.3	150	12.3				
1992	1284	191	14.9	155	12.1	146	11.4	144	11.2				
1993	1302	193	14.8	160	12.3	153	11.8	150	11.5	143	11.0	138	10.6

**Design Hour Volume

PLL:Q:PRE:29.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-13 BROOKS YEAR: 1993

LOCATION: US 191, P-43, 7.0 MILES NORTH OF LEWISTOWN, MP 9.5 LARGE TRUCKS: 3.3%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	688	1016	966	994	1067	925	775	907	990	91.62%	69.66%
FEBRUARY	759	1028	998	973	1203	1280	1078	1046	1097	95.35%	80.34%
MARCH	943	1124	1154	1185	1174	1250	1011	1123	1174	95.66%	86.25%
APRIL	1067	1214	1328	1324	1379	1490	1232	1300	1355	95.94%	99.85%
MAY	1317	1448	1452	1438	1454	1592	1319	1424	1475	96.54%	109.37%
JUNE	1454	1463	1443	1435	1499	1579	1492	1478	1480	99.86%	113.52%
JULY	1411	1429	1493	1544	1601	1718	1456	1528	1566	97.57%	117.36%
AUGUST	1371	1486	1472	1445	1476	1510	1408	1452	1478	98.24%	111.52%
SEPTEMBER	1227	1376	1415	1421	1500	1562	1454	1424	1455	97.87%	109.37%
OCTOBER	1437	1529	1565	1487	1555	1621	1554	1536	1555	98.78%	117.97%
NOVEMBER	1093	1283	1280	1312	1298	1461	1334	1293	1323	97.73%	99.31%
DECEMBER	786	1135	1177	1218	1207	1170	1038	1113	1183	94.08%	85.48%
DAILY AVE FOR YEAR	1129	1294	1312	1315	1368	1430	1263	1302	1344	96.86%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-14

Route FAS 278, Southwest of Dillon

Functional Class Minor Arterial

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1941	290	120	41.4	70	24.1	49	16.9	47	16.2				
1951	342							53	15.4				
1961	311	63	20.3	98	19.4	49	15.1	45	14.9				
1971	405	107	26.4	74	18.3	65	16.0	60	14.9				
1981	405	144	33.1	98	20.0	73	16.8	66	15.2				
1982	422	120	26.4	72	17.1	69	16.4	66	15.6				
1983	443	94	21.2	77	19.4	70	15.8	66	14.9				
1984	425	116	21.2	98	20.0	82	19.0	78	17.9				
1985	433	105	24.2	98	20.3	77	19.0	70	14.2				
1986	457	112	24.5	98	20.1	72	15.9	67	14.2				
1987	ADT	117	23.6	98	17.1	78	15.9	75	15.3				
1988	496	116	23.4	98	19.4	80	16.1	77	15.6				
1989	493	144	29.2	115	23.3	100	20.3	67	16.6				
1990	493	122	24.7	98	19.1	81	16.4	70	14.2				
1991	*452	116	20.3	98	20.1	86	19.0	60	17.7				
1992	*651	107	21.2	112	17.2	70	16.8	82	12.6				
1993	593	187	31.5	132	22.3	110	18.5	94	15.9	86	14.5	78	13.2

*Road construction in 1991 and 1992

**Design Hour Volume

PLL:Q:PRE:30.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-14 DILLON

YEAR: 1993

LOCATION: FAS 278, 7.0 MILES SOUTHWEST OF DILLON, MP 3.4

LARGE TRUCKS: 7.9%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	476	355	344	368	406	422	503	416	381	109.19%	70.21%
FEBRUARY	513	351	335	341	452	405	471	410	377	108.75%	69.20%
MARCH	444	384	388	380	416	439	463	413	399	103.51%	69.70%
APRIL	428	432	451	523	478	501	469	470	478	98.33%	79.32%
MAY	685	625	528	574	531	628	630	605	579	104.49%	102.11%
JUNE	786	690	652	642	623	707	709	684	661	103.48%	115.44%
JULY	1100	752	772	811	808	885	1061	887	809	109.64%	149.70%
AUGUST	846	748	702	756	743	793	788	768	746	102.95%	129.62%
SEPTEMBER	793	755	657	675	643	733	851	725	689	105.22%	122.36%
OCTOBER	714	674	625	647	607	683	838	690	649	106.32%	116.46%
NOVEMBER	615	555	524	611	590	684	687	605	588	102.89%	102.11%
DECEMBER	414	421	430	454	442	460	428	437	443	98.65%	73.76%
DAILY AVE FOR YEAR	651	562	534	565	562	612	658	593	567	104.57%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-15

Route Montana 200, Northeast of Bonner

Functional Class Principal Arterial

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1987	292	160	54.7	119	40.7	111	14.0	102	34.9				
1987	492							128	26.1				
1987	1231	311	25.3	213	17.3	201	16.3	188	17.3				
1987	1811	399	22.0	160	16.8	376	17.7	302	15.8				
1987	2392	505	21.3	453	16.8	376	15.8	363	15.8				
1982	2232	446	22.0	381	17.1	364	16.3	302	15.6				
1983	2364	536	22.0	431	18.2	188	15.8	373	15.8				
1984	2529	539	21.3	411	16.3	188	15.8	374	14.8				
1985	2534	453	21.3	436	17.2	413	14.8	393	15.8				
1988	2734	505	18.5	447	16.8	413	15.0	427	15.6				
1987	2837	502	22.0	488	18.2	488	15.7	434	15.6				
1988	2529	496	17.6	453	16.1	426	15.6	480	14.8				
1989	2812	536	17.6	453	16.3	426	14.0	407	14.8				
1990	2343	502	21.4	428	16.3	496	17.7	188	14.8				
1991	2731	536	22.0	439	16.1	422	15.8	460	14.6				
1992	3141	567	18.1	511	14.8	480	15.6	460	14.8				
1993	3110	609	19.6	509	16.4	476	15.3	459	14.8	426	13.7	391	12.6

**Design Hour Volume

PLL:Q:PRE:31.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-15 BONNER YEAR: 1993

LOCATION: MT 200, P-24, 4.0 MILES NORTHEAST OF BONNER, MP 5.2 LARGE TRUCKS: 4.5%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	1707	1998	1919	1997	2074	1969	1894	1929	1990	96.93%	62.03%
FEBRUARY	1966	2141	2008	2079	2145	2397	2072	2115	2154	98.19%	68.01%
MARCH	2507	2288	2280	2379	2521	2920	2502	2469	2456	100.53%	79.39%
APRIL	2851	2674	2672	2612	2828	3324	3068	2875	2845	101.05%	92.45%
MAY	3910	3486	3097	3048	3185	3939	3825	3522	3357	104.92%	113.25%
JUNE	4694	3397	3230	3282	3453	4198	4120	3733	3488	107.02%	120.04%
JULY	4444	3864	3651	3846	3974	4411	4249	4077	3971	102.67%	131.10%
AUGUST	4882	3797	3700	3832	4109	4461	4371	4161	3959	105.10%	133.80%
SEPTEMBER	3797	3623	3092	3129	3228	4052	3962	3529	3402	103.73%	113.48%
OCTOBER	3731	3152	3092	3070	3138	3735	3669	3403	3261	104.35%	109.42%
NOVEMBER	3420	2622	2752	3071	2870	3527	3405	3068	2943	104.25%	98.65%
DECEMBER	2126	2520	2579	2456	2590	2579	2142	2438	2544	95.83%	78.39%
DAILY AVE FOR YEAR	3336	2964	2839	2900	3010	3459	3273	3110	3031	102.61%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-16

Route I-90 & I-15, West of Butte

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	4027							957	10.9				
1961	4495	619	11.8	543	12.1	523	11.6	513	10.9				
1971	7123	884	12.4	845	11.2	828	11.8	957	10.9				
1981	8566	1008	11.8	974	11.4	950	11.1	936	10.9				
1982	8376	1110	13.3	1018	12.2	920	11.0	975	10.9				
1983	8404	1018	12.1	980	11.2	957	11.0	943	11.2				
1984	8815	1000	11.0	1007	11.0	985	11.0	963	10.9				
1985	8754	1061	12.1	997	11.8	523	11.2	968	10.9				
1986	8949	1061	11.0	1017	11.0	988	11.0	972	10.9				
1987	9800	1125	11.8	1076	11.0	1055	10.8	943	10.9				
1988	10345	1352	13.3	1080	11.8	1143	11.0	1125	10.9				
1989	10672	1125	12.5	1257	11.8	1234	11.4	1192	11.2				
1990	11167	1110	11.8	1256	11.2	1234	11.0	1220	10.9				
1991	11571	1414	12.2	1362	11.8	1309	11.3	1283	11.1				
1992	12486	1480	11.9	1432	11.5	1393	11.2	1372	11.0				
1993	12994	1647	12.7	1531	11.8	1514	11.7	1481	11.4	1436	11.1	1381	10.6

**Design Hour Volume

PLL:Q:PRE:32.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-16 BUTTE

YEAR: 1993

LOCATION:I-15 & I-90, 3.0 MILES WEST OF BUTTE, MP 123

LARGE TRUCKS: 9.6%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	6957	7820	7711	7686	8703	9046	7821	7961	8234	96.68%	61.27%
FEBRUARY	11061	9449	9270	9595	9711	10979	9670	9962	9801	101.64%	76.66%
MARCH	11132	10323	10531	10760	10904	12179	10993	10932	10887	100.41%	84.13%
APRIL	10995	11167	11768	12109	12632	14120	12406	12251	12452	98.39%	94.28%
MAY	12832	12899	12743	13182	13482	15529	13887	13479	13535	99.59%	103.73%
JUNE	15553	14945	15041	15403	15382	16904	15371	15495	15507	99.92%	119.25%
JULY	16684	16999	17059	17486	17945	19658	18174	17800	17918	99.34%	136.98%
AUGUST	17335	16954	16799	17598	17544	19483	17444	17539	17603	99.64%	134.98%
SEPTEMBER	13439	14488	14215	14603	14992	17091	14821	14806	15052	98.37%	113.94%
OCTOBER	12135	12750	12827	13282	13412	15192	13435	13319	13573	98.13%	102.50%
NOVEMBER	11417	10690	11004	12205	11184	13147	11708	11570	11573	99.97%	89.04%
DECEMBER	9302	10723	11110	11315	11472	11530	9804	10817	11257	96.09%	83.24%
DAILY AVE FOR YEAR	12404	12434	12507	12935	13114	14572	12961	12994	13116	99.07%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-17

Route I-15, North of Lima

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	388							46	11.8				
1988	593	86	14.5	75	12.6	72	12.1	68	11.8				
1971	785	153	17.5	191	14.4	198	11.8	163	13.4				
1981	1251	191	14.5	191	13.4	198	12.9	157	11.8				
1988	1280	209	18.8	178	13.9	198	13.4	163	12.7				
1983	1283	224	17.5	178	15.4	177	11.8	171	13.4				
1984	1296	231	18.8	178	16.2	198	14.0	173	13.4				
1985	1315	209	18.8	191	14.5	182	11.8	175	13.4				
1989	1383	225	18.8	193	14.3	191	13.4	168	13.2				
1988	1442	253	17.5	210	14.6	198	13.4	157	13.2				
1988	1492	310	20.8	241	16.2	218	14.6	210	13.4				
1989	1562	293	18.8	229	16.2	221	14.1	212	13.6				
1990	1815	369	20.8	317	17.5	264	14.5	244	13.4				
1991	1804	326	18.1	280	15.5	253	14.0	244	13.5				
1992	1961	391	19.9	292	14.9	272	13.9	261	13.3				
1993	2070	358	17.3	317	15.3	302	14.6	292	14.1	276	13.3	259	12.5

**Design Hour Volume

PLL:Q:PRE:33.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-17 LIMA

YEAR: 1993

LOCATION: I-15, 6.8 MILES NORTH OF LIMA, MP 22.3

LARGE TRUCKS: 20.1%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1584	1266	1350	1351	1357	1455	1412	1405	1360	103.31%	67.88%
FEBRUARY	1406	1475	1254	1510	1557	1730	1583	1502	1505	99.80%	72.57%
MARCH	2006	1574	1705	1843	1816	2091	1962	1842	1793	102.73%	88.99%
APRIL	2208	1948	1987	2042	2200	2581	2277	2192	2173	100.87%	105.90%
MAY	2027	2017	1803	1958	2141	2426	2086	2063	2066	99.85%	99.67%
JUNE	2601	2270	2215	2283	2379	2563	2483	2389	2333	102.40%	115.42%
JULY	2978	2946	2638	2715	2950	3409	3103	2981	2954	100.91%	144.02%
AUGUST	3272	2746	2514	2726	2929	3296	3181	2942	2823	104.22%	142.14%
SEPTEMBER	2279	2272	2038	2056	2157	2603	2254	2228	2214	100.63%	107.64%
OCTOBER	2072	1852	1833	1933	1983	2284	2045	2013	1992	101.05%	97.25%
NOVEMBER	2045	1493	1585	1887	1610	1669	1766	1710	1639	104.33%	82.62%
DECEMBER	1520	1505	1709	1697	1727	1523	1260	1571	1634	96.14%	75.90%
DAILY AVE FOR YEAR	2167	1947	1886	2000	2067	2303	2118	2070	2041	101.44%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-18

Route U.S. 20, West of West Yellowstone

Functional Class Principal Arterial

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	529							131	20.0				
1961*													
1971	1262	384	34.0	328	26.0	312	26.8	286	20.0				
1980	1618	421	26.0	385	22.2	345	21.3	336	20.0				
1982	1585	402	25.4	370	20.8	360	22.0	348	22.0				
1983	1653	522	34.0	328	23.4	363	20.0	355	21.5				
1984	1674	412	24.6	383	22.9	368	22.0	360	21.5				
1985	1717	440	25.4	395	23.0	376	20.0	363	21.1				
1986	1820	445	26.0	401	22.0	388	21.3	377	20.0				
1987	1937	435	22.6	403	20.8	304	22.0	376	19.4				
1988	2081	707	34.0	624	30.0	558	26.8	516	20.0				
1989	2067	703	34.0	620	29.9	431	20.8	414	20.0				
1990	2135	463	21.7	440	20.6	428	20.0	420	19.7				
1991	2096	497	23.7	453	21.6	438	20.9	429	20.5				
1992	2298	536	13.3	474	20.6	457	19.9	450	19.6				
1993	2376	564	23.7	506	21.3	494	20.8	477	20.1	456	19.2	432	18.2

*Under construction

**Design Hour Volume

PLL:Q:PRE:34.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-18 WEST YELLOWSTONE YEAR: 1993

LOCATION: US 20, P-12, 5.0 MILES WEST OF WEST YELLOWSTONE, MP 4.2 LARGE TRUCKS: 9.9%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	931	780	761	767	846	943	981	867	825	105.09%	36.48%
FEBRUARY	1242	1030	890	899	950	1191	1189	1056	992	106.45%	44.44%
MARCH	1547	975	1002	1049	1121	1440	1541	1217	1103	110.34%	51.21%
APRIL	1157	1099	1100	1227	1222	1305	1155	1186	1197	99.08%	49.91%
MAY	2619	2192	1666	1868	1969	2440	2608	2221	2035	109.14%	93.46%
JUNE	4108	3892	3673	3751	3555	3903	4210	3860	3751	102.91%	162.44%
JULY	5713	5566	5409	5382	5420	5857	6112	5652	5537	102.08%	237.85%
AUGUST	5256	4867	4734	5238	5124	5546	5829	5201	5074	102.50%	218.87%
SEPTEMBER	3867	3366	2931	3014	3091	3661	4125	3411	3198	106.66%	143.54%
OCTOBER	1951	1658	1611	1638	1622	2027	2069	1818	1726	105.33%	76.50%
NOVEMBER	1164	938	954	1070	920	1071	1152	1032	987	104.56%	43.43%
DECEMBER	928	1003	1044	1031	1072	1055	787	995	1043	95.40%	41.87%
DAILY AVE FOR YEAR	2540	2281	2148	2245	2243	2537	2647	2376	2289	103.82%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-19

Route U.S. 191, North of West Yellowstone

Functional Class Principal Arterial

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1987	468							120	25.4				
1987	802	285	35.5	220	27.4	212	26.4	204	25.4				
1971	1142	303	26.4	258	22.6	244	21.4	227	17.7				
1981	1629	383	25.9	303	20.5	288	19.4	284	17.7				
1982	1536	421	21.0	339	22.1	309	20.1	290	18.5				
1983	1601	387	24.2	316	19.7	309	17.7	298	18.5				
1984	1629	377	23.1	336	20.6	309	18.5	301	18.5				
1985	1601	387	21.0	311	19.4	246	18.5	290	18.5				
1986	1608	395	21.0	322	19.0	309	18.3	308	18.5				
1987	1853	338	18.2	303	16.9	309	18.5	300	17.7				
1986	1629	373	19.0	340	19.7	332	17.7	327	18.5				
1989	1877	395	21.0	348	18.5	309	17.7	329	18.5				
1990	1848	352	19.0	331	17.9	309	18.5	309	18.5				
1991	1889	387	20.5	357	18.9	343	18.2	336	17.8				
1992	2056	365	17.8	346	16.8	337	16.4	331	16.1				
1993	2148	399	18.6	376	17.5	362	16.9	354	16.5	346	16.1	331	15.4

**Design Hour Volume

PLL:Q:PRE:35.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-19 DUCK CREEK YEAR: 1993

LOCATION: US 191, 7.7 MILES NORTH OF WEST YELLOWSTONE, MP 7.8 LARGE TRUCKS: 11.7%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1125	1005	993	1047	1103	1149	1184	1093	1064	102.73%	50.89%
FEBRUARY	1380	1192	1182	1203	1225	1412	1464	1294	1243	104.10%	60.24%
MARCH	1647	1206	1259	1354	1433	1611	1568	1423	1360	104.63%	66.25%
APRIL	1150	1127	1173	1301	1322	1340	1206	1238	1260	98.25%	57.64%
MAY	2206	2191	1898	2028	2105	2388	2220	2154	2125	101.36%	100.28%
JUNE	3266	3251	3082	3187	3078	3228	3204	3182	3162	100.63%	148.14%
JULY	4105	4255	4176	4276	4245	4347	4234	4238	4263	99.41%	197.31%
AUGUST	4133	3782	3835	4090	4094	4147	4045	4008	3973	100.88%	186.60%
SEPTEMBER	3096	2960	2732	2773	2849	3213	3207	2965	2897	102.35%	138.04%
OCTOBER	1843	1766	1639	1757	1721	1989	1869	1808	1785	101.29%	84.17%
NOVEMBER	1267	1128	1147	1318	1133	1335	1234	1217	1205	101.00%	56.66%
DECEMBER	1097	1147	1205	1181	1248	1218	946	1155	1202	96.09%	53.77%
DAILY AVE FOR YEAR	2193	2084	2027	2126	2130	2281	2198	2148	2128	100.92%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-20

Route U.S. 89, North of Gardiner

Functional Class Principal Arterial

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1951	386							91	23.6				
1961*													
1971	655	191	25.5	144	22.0	198	20.5	131	20.0				
1987	932	193	23.0	178	19.1	173	17.5	169	18.1				
1987	933	207	22.7	191	19.3	173	17.5	169	18.6				
1983	995	231	23.0	191	19.2	198	17.5	193	18.6				
1988	1012	220	22.7	199	19.7	188	18.6	182	18.6				
1985	1002	200	25.5	191	18.3	175	17.5	172	17.2				
1988	1099	296	23.0	220	18.7	198	17.5	193	18.6				
1987	1201	200	25.5	220	18.3	211	17.6	205	18.1				
1988	1302	296	22.7	235	18.0	224	17.2	216	18.6				
1989	1548	375	23.0	297	19.7	211	17.5	257	18.6				
1990	1548	443	23.0	315	20.3	279	18.0	267	18.6				
1991	1440	326	22.6	282	19.6	250	17.4	238	16.5				
1992	1591	290	18.2	262	16.5	254	16.0	250	15.7				
1993	1637	339	20.7	283	17.3	266	16.2	261	15.9	252	15.4	240	14.7

*Under construction

**Design Hour Volume

PLL:Q:PRE:36.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-20 CARBELLA YEAR: 1993

LOCATION: US 89, P-11, 17.0 MILES NORTH OF GARDINER, MP 16.8 LARGE TRUCKS: 1.4%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	1053	819	766	842	939	1126	1176	975	909	107.26%	59.55%
FEBRUARY	1051	895	788	793	887	1085	1157	951	890	106.85%	58.09%
MARCH	1059	862	862	918	923	1068	1077	958	921	104.02%	58.52%
APRIL	1174	998	998	1125	1153	1273	1367	1159	1119	103.57%	70.79%
MAY	1650	1569	1425	1528	1524	1706	1699	1591	1551	102.58%	97.18%
JUNE	2535	2447	2343	2382	2369	2497	2471	2430	2403	101.12%	148.43%
JULY	3012	3166	3052	3075	3059	3178	3085	3091	3107	99.49%	188.80%
AUGUST	3041	2801	2795	2994	2957	3021	2955	2932	2903	101.00%	179.09%
SEPTEMBER	2274	2092	1915	2001	2048	2353	2515	2161	2076	104.09%	132.00%
OCTOBER	1482	1393	1264	1315	1367	1486	1665	1436	1371	104.74%	87.71%
NOVEMBER	894	899	900	1052	1042	1241	1167	1019	1015	100.39%	62.24%
DECEMBER	758	859	870	908	1027	1141	977	943	969	97.32%	57.60%
DAILY AVE FOR YEAR	1665	1567	1498	1578	1608	1765	1776	1637	1603	102.14%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-21

Route U.S. 12, Montana Avenue, Helena

Functional Class Principal Arterial

Traffic Type Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1957	6730							700	10.4				
1961	7971	881	11.1	846	10.6	832	10.4	832	10.4				
1969	13549	1656	12.2	1538	10.6	1507	11.1	1507	10.7				
1961	18124	2208	12.2	1979	10.9	1916	10.6	1891	10.4				
1982	18725	2192	11.1	2029	10.6	1985	10.6	1971	10.5				
1983	19459	2178	11.2	2042	10.6	2002	10.6	1977	10.2				
1988	19453	2208	11.4	2078	10.9	2002	10.5	2030	10.4				
1985	20701	2366	11.4	2252	10.9	2002	10.7	2177	10.5				
1986	20184	2484	12.3	2070	10.6	2123	10.5	2103	10.4				
1961	20472	2349	11.5	2078	10.6	2124	10.6	2098	10.2				
1988	19881	2349	11.8	2155	10.6	2104	10.6	2084	10.5				
1989	20552	2332	11.3	2214	10.8	2174	10.6	2165	10.5				
1990	20592	2380	11.6	2250	10.9	2002	10.6	2158	10.5				
1991	20323	2577	12.7	2195	10.8	2159	10.6	2112	10.4				
1992	20839	2382	11.4	2258	10.8	2198	10.5	2168	10.4				
1993	20941	2338	11.2	2230	10.6	2203	10.5	2165	10.3	2126	10.2	2075	9.9

**Design Hour Volume

PLL:Q:PRE:37.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-21 HELENA

YEAR: 1993

LOCATION: P-8, MONTANA AVENUE, BETWEEN BILLINGS AND MISSOULA AVENUES IN HELENA

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	12242	18140	18890	18877	19034	18839	16529	17349	18760	92.48%	82.85%
FEBRUARY	15614	18477	18930	19008	19175	21429	17890	18646	19404	96.09%	89.04%
MARCH	18925	20568	20635	20694	20265	22942	20348	20626	20970	98.36%	98.50%
APRIL	14694	22096	22684	23027	23102	25144	21649	21928	23293	94.14%	104.71%
MAY	16207	21174	22527	23313	23469	26089	21884	21868	23212	94.21%	104.43%
JUNE	16509	23393	24034	23984	24396	25927	21081	22844	24316	93.95%	109.09%
JULY	16407	22404	24725	25008	25398	26287	20788	23114	24862	92.97%	110.38%
AUGUST	16697	23615	23390	23672	24107	25552	20442	22374	24016	93.16%	106.84%
SEPTEMBER	15904	20371	22512	22402	22679	24804	20581	21403	22552	94.91%	102.21%
OCTOBER	15382	20720	21073	21608	22074	24439	20964	20833	22099	94.27%	99.49%
NOVEMBER	14257	20246	21066	21556	17970	22863	19049	19645	20733	94.75%	93.81%
DECEMBER	15044	21479	21745	22019	22593	22737	17650	20659	22158	93.23%	98.65%
DAILY AVE FOR YEAR	15657	21057	21851	22097	22022	23921	19905	20941	22198	94.34%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-22

Route Montana 59, North of Miles City

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1989	253	76	27.0	58	20.6	50	19.2	41	18.1				
1990	278	74	26.6	58	20.5	50	18.1	48	18.1				
1991	265	93	27.9	43	16.2	40	18.1	41	18.1				
1990	253	93	36.8	43	18.2	43	18.1	41	18.1				
1993	300	84	28.0	63	21.0	60	20.0	56	18.7	51	17.0	42	14.0

**Design Hour Volume

PLL:Q:PRE:38.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-22 MILES CITY YEAR: 1993

LOCATION: MT 59, 20.0 MILES NORTH OF MILES CITY, MP 18.3 LARGE TRUCKS: 8.3%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	150	227	220	175	225	206	173	195	210	92.86%	64.96%
FEBRUARY	159	216	232	184	226	261	177	208	224	92.86%	69.29%
MARCH	191	260	273	234	251	276	223	245	258	94.96%	81.62%
APRIL	219	285	290	283	309	315	254	281	298	94.30%	93.61%
MAY	310	336	352	337	369	407	344	349	359	97.21%	116.27%
JUNE	316	320	355	337	412	495	411	376	380	98.95%	125.26%
JULY	265	315	303	305	329	384	294	316	330	95.76%	105.27%
AUGUST	362	418	422	394	443	474	485	425	429	99.07%	141.59%
SEPTEMBER	307	459	463	405	408	413	344	400	428	93.46%	133.26%
OCTOBER	337	336	339	305	305	350	337	331	328	100.91%	110.27%
NOVEMBER	216	265	257	267	262	293	245	258	268	96.27%	85.95%
DECEMBER	172	244	235	254	211	210	196	218	230	94.78%	72.63%
DAILY AVE FOR YEAR	250	307	312	290	313	340	290	300	312	96.26%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-23

Route FAS 241, North of Harlem

Functional Class Major Collector

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1988	214							32	14.8				
1988	295	40	17.6	33	14.1	31	15.1	30	13.8				
1971	313	55	17.6	49	15.7	45	14.4	43	13.8				
1981	340	64	18.8	48	14.1	45	13.8	45	13.8				
1988	320	57	17.6	48	14.4	48	13.8	45	13.8				
1988	358	125	34.9	90	25.1	76	21.2	57	13.8				
1984	319	90	18.8	48	15.1	65	14.1	46	13.8				
1989	295	48	21.0	48	14.1	47	14.8	45	13.8				
1986	290	57	17.6	48	15.1	43	14.8	42	13.8				
1987	318	90	17.6	48	14.5	43	13.5	32	13.8				
1988	339	53	18.8	48	14.2	48	13.8	45	13.8				
1989	318	65	18.8	49	14.5	47	13.9	45	13.8				
1990	333	99	17.6	90	15.0	48	14.4	46	14.8				
1991	320	55	17.2	50	15.6	48	15.0	45	14.1				
1992	347	76	21.9	58	16.7	52	15.0	50	14.4				
1993	368	104	28.3	67	18.2	55	14.9	52	14.1	49	13.3	45	12.2

**Design Hour Volume

PLL:Q:PRE:40.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-23 HARLEM

YEAR: 1993

LOCATION: FAS 241, 2.5 MILES NORTH OF HARLEM, MP 1.9

LARGE TRUCKS: 9.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	221	302	333	310	339	331	267	298	323	92.26%	81.07%
FEBRUARY	219	298	315	338	357	372	310	315	336	93.75%	85.69%
MARCH	276	357	347	354	383	435	373	360	372	96.77%	97.94%
APRIL	310	394	394	398	435	445	336	391	416	93.99%	106.37%
MAY	283	377	371	372	364	434	349	361	383	94.26%	98.21%
JUNE	301	416	390	395	387	429	392	388	402	96.52%	105.55%
JULY	348	369	446	506	487	494	390	436	463	94.17%	118.61%
AUGUST	365	464	425	445	443	528	501	449	459	97.82%	122.15%
SEPTEMBER	303	352	371	360	356	392	376	359	365	98.36%	97.66%
OCTOBER	330	365	368	366	373	419	413	377	380	99.21%	102.56%
NOVEMBER	302	319	346	346	355	378	368	344	347	99.14%	93.58%
DECEMBER	213	374	421	344	325	330	309	333	355	93.80%	90.59%
DAILY AVE FOR YEAR	289	366	377	378	384	416	365	368	383	95.87%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-24

Route U.S. 2, West of Kalispell

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1960	1358							171	12.6				
1961	1454	219	15.1	190	11.3	184	12.6	180	12.6				
1971	2442	442	18.1	366	15.0	352	14.4	339	11.0				
1981	3843	494	12.0	462	12.0	601	11.0	466	11.0				
1982	3972	575	14.5	488	12.3	475	12.0	466	11.0				
1983	4502	569	12.6	537	11.9	523	11.6	516	11.1				
1984	4785	574	12.0	543	11.4	516	11.1	525	11.0				
1985	4897	516	11.8	544	11.3	516	11.0	527	11.0				
1986	5040	594	11.8	573	11.4	598	11.0	549	11.0				
1987	5283	639	12.1	601	11.4	590	11.0	581	11.0				
1988	5359	633	11.8	604	11.3	577	10.8	516	10.7				
1989	5430	494	12.0	600	11.1	586	10.8	580	11.0				
1990	5541	494	12.0	613	11.3	601	10.8	592	11.0				
1991	5637	209	12.0	648	11.5	633	11.2	621	11.0				
1992	6240	743	11.0	695	11.1	677	10.8	665	10.7				
1993	6496	788	12.1	740	11.4	720	11.1	704	10.8	683	10.5	658	10.1

**Design Hour Volume

PLL:Q:PRE:41.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-24 KALISPELL

YEAR: 1993

LOCATION: US 2, P-1, 1.3 MILES WEST OF KALISPELL, MP 118.9

LARGE TRUCKS: 3.6%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	3619	4884	5319	5390	5351	5148	4775	4887	5215	93.71%	75.23%
FEBRUARY	3986	5655	5647	5763	5799	6048	5055	5422	5782	93.77%	83.47%
MARCH	4476	5838	5894	6062	5978	6299	5555	5748	6003	95.75%	88.49%
APRIL	4678	6221	6259	6401	6531	6668	6106	6155	6433	95.68%	94.75%
MAY	5777	6946	6866	7005	6980	7682	6735	6820	7089	96.21%	104.99%
JUNE	6201	7426	7377	7398	7259	8057	7060	7263	7493	96.93%	111.81%
JULY	6392	7733	7839	8050	8104	8616	7470	7774	8095	96.03%	119.68%
AUGUST	6762	8134	8046	8193	8267	8773	7596	7936	8265	96.02%	122.17%
SEPTEMBER	6021	7069	7340	7412	7481	8195	7144	7251	7494	96.76%	111.63%
OCTOBER	5582	6750	6870	6896	6831	7417	6760	6716	6975	96.29%	103.39%
NOVEMBER	5021	5893	6406	6548	5995	6968	6189	6146	6343	96.89%	94.61%
DECEMBER	4400	6252	6280	6168	6136	6290	5021	5832	6222	93.73%	89.78%
DAILY AVE FOR YEAR	5243	6567	6679	6774	6726	7180	6289	6496	6784	95.75%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-25 Route I-94, East of Wibaux

Functional Class Principal Arterial Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1960	1053							130	12.3				
1961	1031	233	22.6	173	16.8	148	14.4	141	13.6				
1971	1622	257	15.8	234	14.4	223	13.7	218	11.6				
1981	2521	414	16.4	308	12.9	296	11.7	282	11.2				
1982	2236	349	15.8	275	12.3	265	13.3	259	11.6				
1983	2126	330	28.2	305	14.4	283	13.3	267	12.3				
1984	2113	330	15.8	275	13.3	268	12.5	259	12.2				
1985	1996	330	15.8	260	13.3	255	12.5	218	12.3				
1986	1925	279	14.5	254	13.6	244	12.7	240	12.3				
1982	1973	289	14.5	254	12.9	248	12.6	242	12.3				
1989	2032	294	14.5	268	13.2	255	12.5	249	12.3				
1989	2090	342	16.4	316	15.1	296	16.8	285	13.6				
1990	2164	330	15.8	300	16.8	296	13.6	285	13.2				
1991	2201	344	15.6	297	13.5	290	13.2	283	12.9				
1992	2286	431	18.9	306	13.4	295	12.9	290	12.7				
1993	2446	399	16.3	344	14.1	324	13.2	317	13.0	309	12.6	290	11.9

**Design Hour Volume

PLL:Q:PRE:42.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-25 WIBAUX

YEAR: 1993

LOCATION: I-94, 0.5 MILES EAST OF WIBAUX, MP 242.8

LARGE TRUCKS: 23.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY SUN THRU SATURDAY	AVE WEEKDAY MON THRU FRIDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	1648	1335	1327	1419	1493	1684	1897	1562	1462	106.84%	63.86%
FEBRUARY	1798	1435	1450	1587	1624	1855	1995	1678	1590	105.53%	68.61%
MARCH	2261	1545	1592	1851	1867	2113	2370	1916	1776	107.88%	78.34%
APRIL	2250	1868	1825	1953	2041	2305	2306	2085	2014	103.53%	85.25%
MAY	2699	2226	2057	2228	2332	2660	2537	2400	2297	104.48%	98.13%
JUNE	3511	3047	2870	3033	3120	3306	3407	3169	3064	103.43%	129.57%
JULY	3824	3668	3373	3520	3737	4023	4076	3765	3684	102.20%	153.94%
AUGUST	4241	3404	3213	3471	3570	3824	4202	3695	3479	106.21%	151.07%
SEPTEMBER	2982	2551	2347	2553	2699	3015	3032	2732	2632	103.80%	111.70%
OCTOBER	2623	2186	2248	2421	2549	2766	2846	2541	2449	103.76%	103.89%
NOVEMBER	2273	1682	1782	2131	1822	2025	2313	1874	1986	94.36%	76.62%
DECEMBER	1950	1752	1744	2081	2105	1799	2055	1933	1909	101.26%	79.03%
DAILY AVE FOR YEAR	2672	2225	2152	2354	2413	2615	2753	2446	2362	103.56%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-27

Route U.S. 191, 10.5 Mi. NE of Roy

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	202	126	62.4	71	35.1	50	24.8	84	21.8				
1987	314	92	31.2	86	20.4	56	17.8	50	16.8				
1987	411	94	22.8	75	18.2	69	16.7	66	16.0				
1982	383	126	23.9	76	19.8	69	18.0	69	16.0				
1983	422	113	26.8	92	20.6	77	18.3	71	16.8				
1984	426	126	26.8	81	19.0	76	17.8	71	16.8				
1985	411	99	26.8	79	19.2	71	19.3	69	16.8				
1986	462	116	27.8	92	19.6	75	17.8	77	16.8				
1987	464	111	23.9	92	19.8	83	17.9	77	16.8				
1988	471	126	22.8	92	19.5	83	17.6	76	16.8				
1985	462	126	26.8	89	19.3	84	18.2	79	16.8				
1990	411	126	23.9	86	18.2	69	17.6	77	16.8				
1991	505	126	26.0	96	19.0	87	17.2	84	16.8				
1992	561	123	21.9	100	17.8	94	16.8	88	15.7				
1993	552	116	21.0	102	18.5	96	17.4	90	16.3	85	15.4	77	13.9

**Design Hour Volume

PLL:Q:PRE:43.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-27 ROY

YEAR: 1993

LOCATION: US 191, P-61, 9 MILES NORTH OF ROY, MP 70

LARGE TRUCKS: 9.1%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	334	333	335	329	361	371	295	337	347	97.12%	61.11%
FEBRUARY	426	374	322	318	408	499	373	388	384	101.04%	70.35%
MARCH	519	376	372	390	435	580	388	432	424	101.89%	78.33%
APRIL	594	480	463	447	512	721	480	534	533	100.19%	96.83%
MAY	673	645	494	524	591	800	606	621	612	101.47%	112.60%
JUNE	831	626	562	598	673	826	670	677	650	104.15%	122.76%
JULY	759	688	581	580	676	855	612	682	684	99.71%	123.66%
AUGUST	755	644	569	586	648	790	626	662	644	102.80%	120.04%
SEPTEMBER	653	682	533	533	568	831	650	630	622	101.29%	114.23%
OCTOBER	758	655	594	618	633	772	727	686	660	103.94%	124.39%
NOVEMBER	650	454	438	546	496	630	553	532	507	104.93%	96.46%
DECEMBER	473	417	404	417	488	477	365	437	443	98.65%	79.24%
DAILY AVE FOR YEAR	619	531	472	491	541	679	529	552	543	101.66%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-28

Route Vaughn - Interstate, Frontage

Functional Class Major Collector

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1961	255	112	43.9	273	27.8	63	24.7	59	23.1				
1988	553	103	18.6	89	11.5	84	15.2	84	11.1				
1989	2270	354	13.6	273	12.0	286	11.7	261	11.1				
1982	2205	303	13.6	266	12.1	257	11.7	252	11.4				
1983	2359	103	12.8	273	11.6	257	11.1	262	11.1				
1984	2261	356	15.8	266	11.7	286	11.5	256	11.1				
1985	2262	285	12.8	267	11.8	294	11.7	251	11.1				
1986*	3926	929	23.7	830	27.8	783	19.9	759	11.1				
1987	2587	367	14.2	289	11.8	286	11.1	278	11.1				
1988	2599	303	13.2	289	11.5	285	11.1	256	11.1				
1989	2558	341	13.6	304	11.9	294	11.5	290	11.3				
1990	2558	314	12.8	293	11.5	285	11.1	282	11.1				
1991	2643	381	14.4	303	11.5	295	11.7	256	11.1				
1992	2772	338	12.2	320	11.5	309	11.1	305	11.0				
1993	2815	362	12.9	326	11.6	322	11.4	313	11.1	308	10.9	298	10.6

*Interstate traffic diverted to frontage road during construction.

**Design Hour Volume

PLL:Q:PRE:44.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-28 GREAT FALLS FRONTAGE YEAR: 1993

LOCATION: FRONTAGE ROAD, 7.0 MILES WEST OF GREAT FALLS LARGE TRUCKS: 1.2%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	1807	2251	2378	2511	2491	2349	2212	2270	2394	94.82%	80.63%
FEBRUARY	1964	2450	2499	2625	2527	2654	2401	2446	2551	95.88%	86.88%
MARCH	2360	2688	2714	2974	2737	2972	2734	2745	2813	97.58%	97.50%
APRIL	2293	2764	2945	3121	3082	3212	3064	2940	3036	96.84%	104.43%
MAY	2588	2909	3056	3224	3116	3346	3020	3018	3119	96.76%	107.20%
JUNE	2533	2965	3061	3142	3089	3310	2987	3018	3112	96.98%	107.20%
JULY	2475	2788	3010	3103	3134	3191	2808	2941	3056	96.24%	104.47%
AUGUST	2461	3026	3034	3129	3060	3244	2771	2949	3092	95.38%	104.75%
SEPTEMBER	2389	2849	3058	3094	3037	3295	2961	2962	3066	96.61%	105.21%
OCTOBER	2567	2948	3003	3091	2996	3322	3116	3006	3084	97.47%	106.78%
NOVEMBER	2178	2667	2849	3018	2555	2961	2730	2711	2805	96.65%	96.30%
DECEMBER	2300	2779	2807	2866	2780	3070	2745	2777	2866	96.89%	98.64%
DAILY AVE FOR YEAR	2326	2757	2868	2992	2884	3077	2796	2815	2916	96.54%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-29

Route Billings - Interstate, Frontage

Functional Class Local Road

Traffic Type Frontage Road

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1962	1268	398	15.3	183	14.4	171	13.5	162	12.8				
1983	1702	228	13.4	182	12.1	175	12.1	172	10.1				
1983	2305	291	12.5	291	11.6	260	11.3	257	10.1				
1982	2398	303	12.6	279	11.6	290	11.4	172	11.3				
1983	2907	564	19.4	438	15.1	418	14.4	403	13.9				
1986	2563	377	14.7	330	12.9	300	13.9	310	10.1				
1985	2398	356	12.7	339	12.1	330	11.6	326	10.1				
1986	2726	398	14.6	324	11.9	316	11.6	313	13.9				
1987	2557	330	12.7	291	11.4	260	11.3	274	13.9				
1986	2726	482	19.4	324	11.7	316	13.9	310	13.9				
1989	2557	330	12.6	300	11.7	290	11.6	257	13.9				
1990	2869	593	20.7	339	13.5	316	11.6	310	13.9				
1991	2977	398	11.9	334	11.2	326	13.9	326	13.9				
1992	3184	411	12.9	357	11.2	348	10.9	342	10.7				
1993	3401	422	12.4	394	11.6	385	11.3	382	11.2	377	11.1	365	10.7

**Design Hour Volume

PLL:Q:PRE:45.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-29 BILLINGS FRONTAGE

YEAR: 1993

LOCATION: FRONTAGE ROAD, 6.0 MILES WEST OF BILLINGS

LARGE TRUCKS: 3.6%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	AVERAGE DAY IS OF THE	MONTH DAILY AVERAGE IS
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	AVERAGE WEEKDAY	OF THE YEAR DAILY AVERAGE
JANUARY	2114	2882	2836	2887	2966	2861	2442	2689	2885	93.21%	79.07%
FEBRUARY	2163	2859	2971	2899	3066	3278	2681	2845	3015	94.36%	83.66%
MARCH	2613	3312	3262	3334	3219	3577	2910	3188	3336	95.56%	93.74%
APRIL	2761	3311	3452	3564	3672	3909	3310	3450	3600	95.83%	101.45%
MAY	3045	3584	3624	3603	3778	4047	3495	3575	3720	96.10%	105.12%
JUNE	3076	3577	3686	3617	3559	4019	3365	3563	3688	96.61%	104.77%
JULY	3176	3384	3615	3630	3739	3957	3255	3548	3682	96.36%	104.33%
AUGUST	3322	3897	3993	3932	3936	4252	3630	3841	3997	96.10%	112.94%
SEPTEMBER	2922	3612	4024	3929	4014	4347	3609	3792	3984	95.18%	111.50%
OCTOBER	2912	3743	3762	3810	3823	4000	3275	3596	3836	93.74%	105.74%
NOVEMBER	2662	3508	3608	3722	3306	3696	3300	3411	3567	95.63%	100.30%
DECEMBER	2631	3430	3560	3511	3463	3574	2862	3312	3508	94.41%	97.39%
DAILY AVE FOR YEAR	2783	3425	3533	3537	3545	3793	3178	3401	3568	95.31%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-30

Route I-90, West of Superior

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1962	1487	362	24.3	670	21.5	307	20.6	302	30.3				
1971	2346	375	15.0	334	14.2	324	13.8	505	13.6				
1991	3411	512	15.0	465	13.6	457	13.8	448	13.1				
1982	3159	525	15.8	678	15.1	457	14.5	445	13.6				
1991	3528	590	16.7	511	14.5	488	13.7	479	13.6				
1984	3715	604	16.3	527	14.2	597	14.0	505	13.6				
1985	3528	576	16.3	521	14.8	499	14.5	489	13.6				
1986	3717	598	15.0	530	14.8	516	13.7	505	13.6				
1987	3985	606	15.5	559	14.0	544	13.7	534	13.6				
1986	4108	643	15.8	588	14.8	597	13.7	547	13.6				
1989	4295	714	15.8	642	14.5	597	4.0	479	13.6				
1990	4561	719	15.8	670	14.2	648	14.2	631	13.6				
1991	4477	789	17.6	678	15.1	653	14.8	634	14.2				
1992	5127	810	15.8	752	14.7	734	14.3	708	13.8				
1993	5304	915	17.3	793	15.0	766	14.4	736	13.9	697	13.1	673	12.7

**Design Hour Volume

PLL:Q:PRE:46.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-30 SUPERIOR

YEAR: 1993

LOCATION: I-90, 0.7 MILES WEST OF THE SUPERIOR INTERCHANGE, MP 46.8

LARGE TRUCKS: 20.0%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2795	2583	2768	2721	2881	3062	3005	2843	2815	100.99%	53.60%
FEBRUARY	3177	3149	3087	3103	3209	3648	3198	3225	3239	99.57%	60.80%
MARCH	4418	3554	3746	3839	3880	4608	4134	3995	3898	102.49%	75.32%
APRIL	4887	4440	4421	4410	4747	5523	4695	4759	4747	100.25%	89.72%
MAY	5583	5632	4999	5027	5510	6617	5552	5563	5561	100.04%	104.88%
JUNE	7494	6801	6582	6564	6880	7754	7057	6989	6885	101.51%	131.76%
JULY	7957	8346	7704	7672	8213	9337	8411	8275	8302	99.67%	156.01%
AUGUST	8681	7728	7342	7495	7961	9106	8497	8096	7891	102.60%	152.63%
SEPTEMBER	6711	6789	6115	6199	6393	7792	6810	6661	6625	100.54%	125.58%
OCTOBER	5366	5111	5086	4989	5368	6338	5193	5377	5424	99.13%	101.37%
NOVEMBER	4890	3680	3929	4517	3894	4415	4151	4184	4061	103.03%	78.88%
DECEMBER	3594	3604	3766	3824	4061	3763	3020	3683	3814	96.57%	69.44%
DAILY AVE FOR YEAR	5463	5118	4962	5030	5250	5997	5310	5304	5272	100.61%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-31

Route I-94, West of Miles City

Functional Class Principal Arterials

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1963	1655	213	12.9	198	12.2	366	11.8	187	11.6				
1971	2065	302	14.9	213	11.8	260	12.6	251	12.2				
1971	2993	379	12.9	350	11.7	318	11.3	331	11.6				
1982	2952	440	14.9	373	12.8	359	12.0	345	11.7				
1963	3012	443	14.9	404	13.4	366	12.0	348	11.6				
1984	2950	721	24.4	362	12.2	345	11.7	334	11.6				
1989	2765	373	13.5	346	12.5	318	12.1	328	12.2				
1986	2541	375	14.9	339	11.8	318	12.5	328	12.3				
1987	2966	410	13.5	366	12.3	351	11.8	343	11.6				
1986	2998	421	14.9	387	12.9	352	11.7	348	11.6				
1989	3022	436	14.4	379	12.5	366	12.1	359	11.6				
1990	3128	425	13.6	386	12.3	320	11.6	365	11.6				
1991	3097	484	15.6	396	12.8	318	12.0	365	11.6				
1992	3300	453	13.7	410	12.4	401	12.2	391	11.8				
1993	3444	472	13.7	439	12.7	424	12.3	413	12.0	398	11.6	383	11.1

**Design Hour Volume

PLL:Q:PRE:48.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-31 MILES CITY

YEAR: 1993

LOCATION: I-94, 8.0 MILES WEST OF MILES CITY, MP 129.2

LARGE TRUCKS: 20.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY SUN THRU SATURDAY	AVE WEEKDAY MON THRU FRIDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	2087	2024	1839	1888	2155	2291	2200	2081	2051	101.46%	60.42%
FEBRUARY	2610	2181	2231	2275	2608	3243	2944	2584	2507	103.07%	75.03%
MARCH	2846	2548	2554	2751	2837	3081	2891	2770	2736	101.24%	80.43%
APRIL	3197	2919	2847	2920	3179	3625	3137	3136	3125	100.35%	91.06%
MAY	3790	3417	3035	3225	3457	4285	3812	3584	3481	102.96%	104.07%
JUNE	4486	4035	3967	4162	4262	4668	4354	4262	4205	101.36%	123.75%
JULY	4617	4351	4345	4431	4740	5243	4813	4676	4656	100.43%	135.77%
AUGUST	4941	4638	4579	4771	4977	5427	4894	4873	4854	100.39%	141.49%
SEPTEMBER	3763	3743	3689	3805	3995	4767	4171	3984	3991	99.82%	115.68%
OCTOBER	3518	3225	3231	3425	3478	3946	3685	3522	3484	101.09%	102.26%
NOVEMBER	3365	2618	2737	3256	2839	3178	3240	3020	2917	103.53%	87.69%
DECEMBER	2780	2649	2731	2944	3038	2945	2662	2836	2876	98.61%	82.35%
DAILY AVE FOR YEAR	3500	3196	3149	3321	3464	3892	3567	3444	3407	101.09%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-32

Route 25th St. N. in Great Falls

Functional Class Minor Arterial

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	4767	659	11.7	579	10.7	559	11.1	546	10.6				
1981	3318	512	15.4	472	10.7	439	13.2	414	10.6				
1981	3579	410	11.7	386	10.7	373	10.6	367	10.6				
1982	3579	1002	28.0	418	11.6	398	11.1	566	10.6				
1986	3706	418	11.7	423	11.4	466	10.7	404	10.6				
1984*													
1985	3797	414	11.7	470	12.4	426	10.7	414	10.6				
1986	3854	486	12.6	423	11.1	414	10.7	408	10.6				
1987	3864	461	11.7	418	10.7	469	12.4	402	10.6				
1988	3862	461	11.7	416	10.7	408	10.6	401	10.6				
1987	3701	502	11.7	428	11.6	410	10.7	399	10.8				
1990	3985	514	12.6	470	10.7	449	11.3	546	10.6				
1990	4094	477	11.7	458	10.7	444	10.7	546	10.6				
1992	4146	625	15.1	462	11.1	454	11.0	450	10.9				
1993	4134	524	12.7	466	11.3	452	10.9	444	10.7	435	10.5	420	10.2

*Under construction

**Design Hour Volume

PLL:Q:PRE:49.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-32 GREAT FALLS

YEAR: 1993

LOCATION: FAU 5217, 25TH STREET NORTH, BETWEEN 4TH & 5TH AVENUES IN GREAT FALLS

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2456	3953	3949	4080	4133	3616	2905	3527	3930	89.75%	85.31%
FEBRUARY	2669	4067	4162	4324	4307	4516	3344	3913	4275	91.53%	94.65%
MARCH	2873	4413	4359	4531	4347	4535	3347	4094	4437	92.27%	99.03%
APRIL	2695	4337	4722	4763	4719	4755	3750	4281	4666	91.75%	103.55%
MAY	3020	4443	4759	4910	4844	5008	3781	4332	4776	90.70%	104.79%
JUNE	3165	4663	4771	4992	5032	5163	3959	4558	4920	92.64%	110.25%
JULY	3059	4310	4893	5034	5148	4954	3648	4449	4884	91.09%	107.62%
AUGUST	2892	4702	4704	4723	4646	4965	3562	4293	4744	90.49%	103.84%
SEPTEMBER	2788	4204	4773	4812	4793	5051	3638	4328	4733	91.44%	104.69%
OCTOBER	2910	4474	4521	4759	4515	4772	3655	4186	4616	90.68%	101.25%
NOVEMBER	2443	4076	4220	4392	3583	4203	3183	3757	4100	91.63%	90.88%
DECEMBER	2650	4161	4224	4310	4253	4265	3092	3892	4247	91.64%	94.14%
DAILY AVE FOR YEAR	2802	4317	4505	4636	4527	4650	3489	4134	4527	91.32%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-33

Route 10th Ave. S. Great Falls

Functional Class Principal Arterial

Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	23096	2488	10.8	2375	10.3	2296	9.9	2248	9.1				
1987	24183	2563	10.6	2383	9.9	2324	9.6	2292	9.5				
1981	28434	2731	9.3	2657	9.0	2326	9.2	2600	9.1				
1987	26183	2786	9.7	2718	9.0	2677	9.0	2658	9.1				
1981	29621	2820	9.3	2724	9.2	2704	9.0	2684	9.1				
1984	30648	4786	10.0	2872	9.4	2814	9.2	2795	9.1				
1985	30603	3067	10.0	2925	9.6	2869	9.0	2845	9.3				
1986	31290	3068	9.3	2920	9.3	2884	9.2	2868	9.1				
1987	32311	3006	9.3	2948	9.1	2920	9.0	2888	9.1				
1987	32766	3068	9.3	2986	9.1	2786	9.0	2939	9.1				
1985	23105	5075	10.8	3015	9.4	2952	9.2	2936	9.1				
1990	32898	3149	9.3	3048	9.3	2999	9.1	2988	9.1				
1991	33102	3235	9.3	3075	9.3	3029	9.2	2988	9.1				
1992	35006	4714	13.5	3295	9.4	3248	9.3	3210	9.2				
1993	35692	3468	9.7	3360	9.4	3289	9.2	3256	9.1	3224	9.0	3159	8.9

**Design Hour Volume

PLL:Q:PRE:50.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-33 GREAT FALLS YEAR: 1993

LOCATION: P-60, 10TH AVENUE SOUTH, BETWEEN 9TH & 10TH STREETS IN GREAT FALLS

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	22955	30459	30928	31829	31992	31007	29571	29629	31232	94.87%	83.01%
FEBRUARY	24931	32403	31116	32697	33587	37564	33095	32199	33473	96.19%	90.21%
MARCH	28276	33870	34083	36148	36026	40646	36964	35102	35965	97.60%	98.35%
APRIL	27197	35786	36129	36987	38028	41693	37195	36393	37919	95.98%	101.96%
MAY	29829	36136	37459	38274	38779	42907	38378	37142	38588	96.25%	104.06%
JUNE	30385	39083	39447	40386	40273	43782	37723	38805	40532	95.74%	108.72%
JULY	31522	37923	41104	41726	42635	45000	38437	39983	41872	95.49%	112.02%
AUGUST	32140	40557	39974	41420	41427	43798	38144	39436	41329	95.42%	110.49%
SEPTEMBER	28573	34828	37187	37909	38185	42116	36172	36532	38045	96.02%	102.35%
OCTOBER	28429	34562	34826	35941	36455	41294	36548	35435	36838	96.19%	99.28%
NOVEMBER	25608	32768	33768	35348	29819	38910	33277	32818	34045	96.40%	91.95%
DECEMBER	27875	35672	35998	35465	35781	38550	33148	34831	36333	95.87%	97.59%
DAILY AVE FOR YEAR	28143	35337	36002	37011	36916	40606	35721	35692	37181	96.00%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-34

Route U.S. 12, NW of Forsyth

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1985	299	63	21.1	38	17.7	50	16.7	48	16.4				
1971	263	57	21.1	47	17.9	45	17.1	42	16.4				
1981	255	57	21.1	47	15.8	45	17.6	43	16.2				
1982	265	47	27.3	38	22.4	55	20.4	42	16.2				
1983	265	76	29.8	52	22.4	46	16.4	43	16.4				
1984	241	64	29.8	45	18.7	40	16.6	39	16.2				
1985	220	67	39.5	40	15.8	38	16.4	36	16.4				
1986	265	62	29.8	52	15.8	48	16.4	46	16.4				
1987	263	55	18.8	45	15.8	62	16.2	41	16.2				
1988	270	30	18.8	42	15.6	39	16.6	39	16.4				
1985	244	79	32.4	57	23.3	47	16.4	43	16.4				
1990	283	57	18.0	45	18.7	42	16.6	41	14.5				
1991	273	38	18.0	43	15.8	40	16.2	38	16.2				
1992	293	92	31.4	54	18.4	48	16.4	46	15.7				
1993	327	73	22.3	55	16.8	50	15.3	47	14.4	44	13.5	41	12.5

**Design Hour Volume

PLL:Q:PRE:51.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-34 FORSYTH

YEAR: 1993

LOCATION: US 12, P-14, 5.0 MILES NORTHWEST OF FORSYTH, MP 265

LARGE TRUCKS: 7.4%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	164	243	215	250	253	222	134	208	236	88.14%	63.62%
FEBRUARY	183	251	257	236	257	270	179	233	254	91.73%	71.27%
MARCH	225	286	261	277	303	308	207	267	285	93.68%	81.67%
APRIL	302	300	307	298	326	331	252	304	314	96.82%	92.99%
MAY	359	375	354	347	382	414	315	362	374	96.79%	110.73%
JUNE	346	379	341	334	354	444	303	356	367	97.00%	108.90%
JULY	430	375	454	365	372	446	304	390	403	96.77%	119.30%
AUGUST	404	396	386	407	406	422	356	396	402	98.51%	121.13%
SEPTEMBER	366	396	386	398	378	477	348	392	405	96.79%	119.91%
OCTOBER	475	443	408	432	453	446	409	439	437	100.46%	134.28%
NOVEMBER	343	345	315	372	308	339	290	330	335	98.51%	100.94%
DECEMBER	184	266	263	287	271	255	179	246	269	91.45%	75.25%
DAILY AVE FOR YEAR	315	338	329	334	339	365	273	327	340	96.13%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-35

Route FAS 210, 3.0 Miles SE of Turah

Functional Class Major Collector

Traffic Type Secondary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1965	166	41	24.7	20	12.2	28	16.9	27	16.3				
1971	328	52	15.9	44	13.4	42	12.8	69	12.5				
1981	626	90	14.4	73	11.7	71	11.3	69	11.4				
1982	626	136	21.7	100	16.0	87	13.9	80	12.5				
1983	655	95	14.9	80	12.2	87	11.6	75	11.5				
1986	696	98	14.9	87	12.5	84	12.1	82	11.4				
1985	709	98	13.8	93	12.2	86	12.1	82	11.4				
1986	731	117	14.9	91	12.5	28	11.6	83	11.4				
1987	727	108	14.9	87	12.2	84	11.6	82	11.3				
1988	698	97	13.8	81	13.9	79	11.3	77	11.4				
1989	738	100	14.9	87	12.3	83	11.7	106	11.4				
1990	738	99	13.4	89	12.1	88	11.7	84	11.4				
1991	766	106	13.8	93	12.1	88	11.5	88	11.2				
1992	890	162	18.2	119	13.4	109	12.2	105	11.8				
1993	932	173	18.6	131	14.1	121	13.0	116	12.4	109	11.7	103	11.1

**Design Hour Volume

PLL:0:PRE:52.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-35 CLINTON

YEAR: 1993

LOCATION: FAS 210, 3.0 MILES SOUTHEAST OF TURAH, MP 5.2

LARGE TRUCKS: 4.3%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	560	672	740	733	704	735	621	677	718	94.29%	72.61%
FEBRUARY	661	743	782	799	783	855	719	763	792	96.34%	81.83%
MARCH	788	837	897	910	856	959	854	872	890	97.98%	93.52%
APRIL	805	965	1008	1038	992	1071	935	977	1016	96.16%	104.78%
MAY	940	1010	1093	1112	1090	1128	1042	1053	1083	97.23%	112.93%
JUNE	972	1040	1070	1096	1110	1191	1084	1081	1100	98.27%	115.94%
JULY	878	955	1073	1015	1039	1094	955	1004	1038	96.72%	107.68%
AUGUST	907	1024	1046	1011	1028	1118	944	1009	1044	96.65%	108.21%
SEPTEMBER	837	1055	1080	1082	1146	1238	1123	1083	1120	96.70%	116.15%
OCTOBER	858	982	1019	991	982	1097	956	982	1018	96.46%	105.32%
NOVEMBER	761	896	933	925	831	965	804	876	910	96.26%	93.95%
DECEMBER	666	828	833	827	866	903	724	812	853	95.19%	87.09%
DAILY AVE FOR YEAR	803	917	965	962	952	1030	897	932	965	96.61%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-36

Route U.S. 2, West of Browning

Functional Class Principal Arterial

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1988	904	231	25.6	303	23.3	174	19.2	268	18.6				
1981	1152	386	33.5	279	24.2	236	20.8	220	16.9				
1981	1500	252	19.1	256	17.0	294	19.2	241	16.9				
1982	1480	362	24.5	279	16.9	262	17.7	247	16.9				
1983	1500	294	18.4	264	16.9	252	15.8	241	16.9				
1984	1525	341	22.4	257	16.9	246	16.9	238	16.9				
1989	1488	252	19.1	257	17.0	245	16.5	238	16.9				
1988	1500	378	25.2	278	18.5	256	17.1	241	16.9				
1987	1701	512	19.1	410	24.1	378	20.0	333	16.9				
1988	1794	558	31.1	418	23.3	373	20.8	343	16.9				
1989	1662	383	26.6	312	16.9	295	17.7	282	16.9				
1980	1610	429	26.6	346	21.5	288	16.9	275	16.9				
1991	1778	550	19.1	431	24.2	385	20.8	364	20.5				
1992	1928	534	27.7	375	19.5	351	18.2	338	17.5				
1993	1971	378	19.2	347	17.6	333	16.9	328	16.6	313	15.9	293	14.9

**Design Hour Volume

PLL:Q:PRE:53.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-36 BROWNING

YEAR: 1993

LOCATION: US 2, P-1, 0.5 MILES WEST OF BROWNING, MP 221.2

LARGE TRUCKS: 2.9%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1005	905	941	931	1031	1125	1010	998	993	100.50%	50.64%
FEBRUARY	1154	1137	998	1056	1166	1308	1091	1130	1133	99.74%	57.34%
MARCH	1485	1162	1156	1242	1287	1595	1380	1316	1275	103.22%	66.78%
APRIL	1712	1512	1538	1593	1743	2146	1632	1713	1728	99.13%	86.93%
MAY	2236	2458	2090	2156	2280	2909	2314	2348	2382	98.57%	119.15%
JUNE	2980	2598	2450	2552	2712	3150	2901	2746	2675	102.65%	139.35%
JULY	3631	3387	2978	3142	3198	3997	3434	3409	3363	101.37%	172.99%
AUGUST	3599	3093	2902	3033	3138	3748	3124	3230	3166	102.02%	163.91%
SEPTEMBER	2270	2401	2086	2245	2278	2945	2381	2365	2379	99.41%	120.02%
OCTOBER	1819	1799	1647	1769	1735	2299	1944	1874	1871	100.16%	95.10%
NOVEMBER	1214	1167	1206	1413	1192	1536	1207	1270	1292	98.30%	64.45%
DECEMBER	1159	1251	1209	1232	1288	1439	1107	1248	1288	96.89%	63.33%
DAILY AVE FOR YEAR	2022	1906	1767	1864	1921	2350	1960	1971	1962	100.43%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-37

Route Orange St. Bridge - Missoula

Functional Class Principal Arterial

Traffic Type Urban & City Street

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1966	11701	1418	12.1	1347	10.5	1318	11.3	1895	10.7				
1971	13679	1747	12.8	1918	12.3	1605	10.7	1570	10.7				
1981	15789	1814	11.6	1723	10.5	1700	10.8	1865	10.7				
1982	15626	2145	13.7	1956	10.5	1860	11.9	1865	10.7				
1981	16553	1918	11.6	1865	11.0	1829	11.0	1805	10.7				
1986	16664	2004	12.0	1857	11.1	1813	10.5	1779	10.7				
1985	16524	2434	14.7	19[illegible]	11.5	1838	11.0	1779	10.7				
1986	16838	1956	11.6	1847	11.0	1814	10.5	1805	10.7				
1989	16525	2096	12.7	1811	11.0	1747	11.0	1742	10.7				
1986	15685	1700	12.8	1644	10.5	1609	11.3	1592	10.7				
1989	15758	1731	11.6	1657	10.5	1638	10.4	1621	10.7				
199[illegible]	16749	2088	12.8	1957	11.7	1934	10.5	1570	10.7				
1991	18360	2267	12.8	210[illegible]	11.5	2077	11.0	2049	10.7				
1992	19333	4515	23.4	2191	11.3	2128	11.0	2080	10.8				
1993	20022	2513	12.6	2205	11.0	2168	10.8	2126	10.6	2096	10.5	2026	10.1

**Design Hour Volume

PLL:Q:PRE:54.dlw

AUTOMATIC RECORDER OATA BY MONTHS

STATION: A-37 MISSOULA

YEAR: 1993

LOCATION: EAST END OF ORANGE STREET BRIDGE IN MISSOULA

	AVERAGE DAILY NUMBER OF VEHICLES										
	OAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATUROAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	10191	19528	20143	19919	20047	18460	13252	17034	19564	87.07%	85.08%
FEBRUARY	11239	19082	20191	20594	20397	21711	14897	18301	20395	89.73%	91.40%
MARCH	11702	21491	21293	21897	21414	23124	16179	19777	21807	90.69%	98.78%
APRIL	11915	22128	22320	22183	22732	24299	16456	20505	22804	89.92%	102.41%
MAY	13511	21197	23394	23575	23701	25539	17460	20828	23372	89.12%	104.03%
JUNE	13568	23425	23889	23433	23163	25219	17090	21549	23811	90.50%	107.63%
JULY	13308	21600	24474	24425	24195	25661	17193	21628	24149	89.56%	108.02%
AUGUST	13877	23787	23988	23852	23875	25014	17224	21552	24084	89.49%	107.64%
SEPTEMBER	12520	20117	22921	23000	23458	25146	17061	20778	22956	90.51%	103.78%
OCTOBER	12713	21952	22578	22581	22691	25012	17479	20491	23060	88.86%	102.34%
NOVEMBER	11545	21194	21601	21931	17760	21762	15262	18900	20899	90.43%	94.40%
DECEMBER	11482	20962	21838	20789	21129	20711	14078	18922	21059	89.85%	94.51%
DAILY AVE FOR YEAR	12298	21372	22386	22348	22047	23472	16136	20022	22330	89.66%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-38 Route Montana 200, West of Jordan

Functional Class Principal Arterial Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1967	330	76	23.0	61	18.5	59	17.9	55	16.7				
1971	331	73	22.1	59	17.8	56	16.9	54	16.3				
1981	376	80	21.3	63	16.8	59	15.7	57	15.2				
1982	327	66	20.2	56	17.1	53	16.2	52	15.9				
1983	358	70	19.6	60	16.8	56	15.6	54	15.1				
1984	368	69	18.8	60	16.3	56	15.2	55	14.9				
1985	344	71	20.6	57	16.6	55	16.0	53	15.4				
1986	360	80	25.0	60	16.7	58	16.1	55	15.3				
1987	362	81	22.4	61	16.9	55	15.2	53	14.6				
1988	376	76	20.2	66	17.6	57	15.2	56	14.9				
1989	417	123	29.5	74	17.7	68	16.3	65	15.6				
1990	394	85	21.6	59	15.0	57	14.5	55	14.0				
1991	425	79	18.6	66	15.5	63	14.8	61	14.4				
1992	493	81	16.4	73	14.8	68	13.8	67	13.6				
1993													

**Design Hour Volume

1993 Counter out due to construction

PLL:Q:PRE:55.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-38 JORDAN

YEAR: 1993

LOCATION: MT 200, P-57, 1.0 MILES WEST OF JORDAN, MP 211

TRUCKS:

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	259	294	277	292	280	301	225	274	289	94.81%	317.99%
FEBRUARY	282	335	307	317	335	380	275	318	335	94.93%	369.05%
MARCH	398	412	435	493	451	515	385	442	459	96.30%	512.96%
APRIL	*									ERR	0.00%
MAY										ERR	0.00%
JUNE										ERR	0.00%
JULY										ERR	0.00%
AUGUST										ERR	0.00%
SEPTEMBER										ERR	0.00%
OCTOBER										ERR	0.00%
NOVEMBER										ERR	0.00%
DECEMBER										ERR	0.00%
DAILY AVE FOR YEAR	78	87	85	92	89	100	74	86	90	95.48%	

* OUT OF SERVICE DUE TO CONSTRUCTION

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-39

Route U.S. 89, North of Dupuyer

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1967	443	211	47.6	126	28.4	113	25.5	108	24.4				
1971	507	146	28.8	132	26.0	126	24.9	122	24.1				
1981	527	130	24.7	116	22.0	108	20.5	106	20.1				
1982	517	220	42.6	132	25.5	112	21.7	106	20.5				
1983	537	123	22.9	117	21.8	111	20.7	107	19.9				
1984	511	124	24.3	108	21.1	105	20.6	102	20.0				
1985	471	110	23.4	100	21.2	97	20.6	95	20.2				
1986	517	123	23.8	106	20.5	101	19.5	99	19.2				
1987	484	126	26.0	106	21.9	101	20.9	98	20.2				
1988	461	118	25.6	109	23.6	105	22.8	101	21.9				
1989	437	140	32.0	110	25.1	103	23.6	99	22.7				
1990	467	152	32.5	133	28.5	129	27.6	125	26.8				
1991	391	109	27.9	98	25.1	95	24.3	93	23.8				
1992	362	121	33.5	104	28.7	101	28.0	99	27.3				
1993	367	118	32.2	105	28.6	101	27.5	99	27.0	94	25.6	88	24.0

**Design Hour Volume

PLL:Q:PRE:56.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-39 DUPUYER

YEAR: 1993

LOCATION: US 89, P-3, 5.0 MILES NORTH OF DUPUYER, MP 81.5

LARGE TRUCKS: 3.8%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	123	106	108	110	113	115	129	115	110	104.55%	31.33%
FEBRUARY	157	140	126	151	149	179	157	151	149	101.34%	41.14%
MARCH	177	157	163	163	183	205	194	176	172	102.33%	47.95%
APRIL	233	185	183	224	226	276	235	225	222	101.35%	61.29%
MAY	358	330	264	279	302	388	352	327	313	104.47%	89.08%
JUNE	654	602	579	549	529	634	633	595	577	103.12%	162.09%
JULY	892	875	822	835	806	908	832	852	850	100.24%	232.10%
AUGUST	926	824	785	825	843	908	840	850	834	101.92%	231.56%
SEPTEMBER	521	507	432	506	498	572	605	519	503	103.18%	141.38%
OCTOBER	297	284	247	244	219	341	321	283	270	104.81%	77.09%
NOVEMBER	144	146	161	192	147	194	153	162	166	97.59%	44.13%
DECEMBER	134	138	158	146	158	176	133	150	156	96.15%	40.86%
DAILY AVE FOR YEAR	385	358	336	352	348	408	382	367	360	101.92%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-40

Route Wolf Creek Frontage Road

Functional Class Major Collector

Traffic Type Frontage Road - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1968	137	85	50.2	42	35.2	39	35.5	36	32.7				
1988	137	55	40.1	63	29.9	39	28.5	36	26.3				
1983	188	85	45.2	63	33.5	81	30.3	55	29.3				
1982	190	85	44.7	67	35.3	64	31.1	61	32.1				
1983	209	89	42.6	89	36.6	65	31.1	63	30.0				
1968	223	112	50.2	85	33.6	69	30.9	61	30.0				
1985	270	94	40.1	85	36.6	81	30.3	67	31.5				
1986	217	86	39.6	85	36.4	74	34.1	70	32.3				
1987	217	98	42.2	85	33.6	72	30.0	67	28.5				
1988	209	102	41.8	63	36.6	78	32.0	75	30.0				
1988	270	149	50.2	85	35.2	64	31.1	77	28.5				
1990	274	124	40.1	85	31.0	78	28.5	76	27.7				
1991	290	85	32.8	86	29.9	81	27.9	76	26.2				
1992	289	147	50.9	97	33.6	85	29.4	82	28.4				
1993	282	109	38.7	87	30.9	80	28.4	77	27.3	71	25.2	64	22.7

**Design Hour Volume

PLL:Q:PRE:57.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-40 WOLF CREEK FRONTAGE YEAR: 1993

LOCATION: FRONTAGE ROAD, 2.5 MILES NORTH OF WOLF CREEK

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY SUN THRU SATURDAY	AVE WEEKDAY MON THRU FRIDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	181	93	74	92	70	88	177	114	84	135.71%	40.40%
FEBRUARY	206	100	88	97	94	115	212	130	99	131.31%	46.07%
MARCH	308	128	127	141	138	151	234	171	136	125.74%	60.60%
APRIL	272	147	194	217	202	227	338	227	199	114.07%	80.45%
MAY	593	367	236	260	275	380	508	385	306	125.82%	136.44%
JUNE	719	415	390	405	419	510	645	494	425	116.24%	175.07%
JULY	743	488	466	523	533	581	715	581	522	111.30%	205.91%
AUGUST	697	382	390	445	445	503	602	494	429	115.15%	175.07%
SEPTEMBER	408	324	263	280	270	372	461	335	299	112.04%	118.72%
OCTOBER	329	209	191	173	170	207	288	229	191	119.90%	81.16%
NOVEMBER	171	132	107	137	131	144	195	143	129	110.85%	50.68%
DECEMBER	105	70	83	80	80	85	76	83	80	103.75%	29.42%
DAILY AVE FOR YEAR	394	238	217	238	236	280	371	282	242	116.80%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-41

Route I-90, East of Livingston

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1989	2511	418	16.6	375	14.9	359	14.3	348	13.9				
1971	3030	562	16.6	437	14.4	891	13.4	690	13.9				
1983	4490	689	15.3	589	13.7	559	12.4	547	12.7				
1982	4442	716	16.6	614	13.6	600	13.3	574	12.7				
1983	4622	799	17.3	655	14.2	600	13.0	686	12.7				
1984	4755	742	16.6	652	13.7	622	13.1	599	12.7				
1985	4767	747	15.7	689	13.6	616	12.7	359	12.7				
1986	4911	926	16.6	714	14.9	686	13.1	686	13.9				
1982	5964	866	16.6	748	13.6	702	13.0	686	12.7				
1988	5559	942	16.6	716	13.7	729	13.1	708	12.7				
1989	5964	891	16.6	806	13.6	772	12.7	757	12.7				
1990	6248	926	16.6	821	13.7	799	12.7	788	12.7				
1991	6161	993	16.6	870	14.1	841	13.7	576	13.9				
1992	6541	1065	16.3	887	13.6	851	13.0	829	12.7				
1993	6938	1011	14.6	958	13.8	930	13.4	917	13.2	891	12.8	839	12.1

**Design Hour Volume

PLL:Q:PRE:58.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-41 LIVINGSTON

YEAR: 1993

LOCATION: I-90, 7.5 MILES EAST OF LIVINGSTON, MP 342

LARGE TRUCKS: 18.5%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	4490	3929	3721	3947	4272	4966	4930	4368	4205	103.88%	62.96%
FEBRUARY	5369	4212	3916	3981	4532	5810	5396	4745	4490	105.68%	68.39%
MARCH	6783	4614	4599	5134	5537	6914	6570	5643	5284	106.79%	81.33%
APRIL	6871	5464	5241	5508	6066	7436	6530	6199	6017	103.02%	89.35%
MAY	7569	6772	6064	6499	6886	8493	7595	7144	6935	103.01%	102.97%
JUNE	9978	8179	7850	8359	8599	9765	9091	8783	8510	103.21%	126.59%
JULY	10403	9723	9053	9301	9873	11473	10456	10094	9956	101.39%	145.49%
AUGUST	11314	9356	9012	9571	9864	11358	11021	10183	9773	104.20%	146.77%
SEPTEMBER	8331	7723	6874	7180	7561	9451	8493	7906	7723	102.37%	113.95%
OCTOBER	7310	6313	6131	6651	6780	8321	7471	7065	6910	102.24%	101.83%
NOVEMBER	7196	4804	4987	6043	5415	6522	6449	5848	5494	106.44%	84.29%
DECEMBER	5427	4897	5165	5380	5547	5522	4858	5279	5326	99.12%	76.09%
DAILY AVE FOR YEAR	7587	6332	6051	6463	6744	8003	7405	6938	6719	103.27%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-42

Route 26th Street N in Great Falls

Functional Class Minor Arterial

Traffic Type City Arterial

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1982	2424	433	17.9	299	12.3	282	11.6	276	11.4				
1981	2852	392	13.9	325	11.4	315	11.0	310	11.2				
1982	2860	872	30.5	338	11.8	329	11.5	322	11.3				
1981	3059	402	13.1	366	12.0	354	11.8	348	11.4				
1984	3173	431	13.9	385	12.1	374	11.8	348	11.4				
1990	3130	522	16.7	407	13.0	394	12.6	365	12.8				
1986	3130	469	15.0	375	12.0	365	11.6	359	11.5				
1987	3087	393	12.7	365	11.8	391	11.4	346	11.2				
1988	3013	426	14.1	373	12.4	352	11.7	346	11.4				
1989	2869	433	14.4	369	12.9	350	12.3	341	12.0				
1990	3055	446	14.6	375	12.3	358	11.7	350	11.5				
1990	3211	447	13.9	384	12.0	371	11.8	365	11.4				
1992	3360	%	15.2	408	12.1	391	11.8	384	11.4				
1993	3430	438	12.8	407	11.9	400	11.7	390	11.4	383	11.2	371	10.8

**Design Hour Volume

PLL:Q:PRE:59.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-42 GREAT FALLS

YEAR: 1993

LOCATION: FAU 5226, 26TH STREET NORTH, BETWEEN 4TH & 5TH AVENUES IN GREAT FALLS

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	2096	3299	3301	3352	3355	3003	2508	2944	3249	90.61%	85.84%
FEBRUARY	2259	3338	3401	3578	3495	3645	2893	3230	3491	92.52%	94.17%
MARCH	2467	3558	3557	3691	3519	3595	2908	3354	3586	93.53%	97.79%
APRIL	2288	3581	3880	3870	3919	3901	3249	3552	3837	92.57%	103.56%
MAY	2589	3673	3882	4044	3954	4110	3208	3590	3920	91.58%	104.67%
JUNE	2640	3796	3944	4091	4109	4188	3432	3761	4025	93.44%	109.66%
JULY	2543	3537	4078	4096	4169	4047	3096	3664	3997	91.67%	106.83%
AUGUST	2528	3819	3803	3965	3998	4117	3075	3593	3929	91.45%	104.76%
SEPTEMBER	2385	3431	3923	3940	3919	4074	3151	3572	3864	92.44%	104.15%
OCTOBER	2520	3658	3715	3855	3713	3902	3143	3470	3775	91.92%	101.17%
NOVEMBER	2138	3348	3477	3638	2980	3452	2775	3135	3382	92.70%	91.40%
DECEMBER	2296	3483	3524	3608	3584	3587	2741	3293	3562	92.45%	96.01%
DAILY AVE FOR YEAR	2396	3543	3707	3811	3726	3802	3015	3430	3718	92.25%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-43

Route U.S. 191, 1.5 Miles N of Montana 64 (Big Sky)

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1982	1240	220	17.7	201	16.2	192	15.5	188	15.2				
1989	1483	259	17.5	231	15.6	219	14.8	215	14.5				
1982	1492	302	20.2	246	16.5	235	15.5	227	15.2				
1983	1677	277	16.8	267	14.7	238	14.2	235	14.0				
1984	1692	345	20.4	275	16.3	253	15.5	246	14.5				
1985	1780	321	16.0	266	15.6	253	14.5	250	14.0				
1986	1772	338	17.2	267	15.1	256	14.5	248	14.0				
1987	1602	336	16.8	267	14.7	264	13.5	257	13.5				
1988	1997	299	15.0	274	13.7	267	13.4	262	13.5				
1989	2098	450	21.4	314	15.0	296	14.1	287	13.7				
1990	2243	302	15.9	326	14.5	311	13.9	301	13.4				
1991	2331	544	23.3	338	14.5	325	13.9	317	13.6				
1992	2457	558	22.7	350	16.2	332	13.5	325	13.2				
1993	2571	380	14.8	359	14.0	351	13.7	343	13.3	331	12.9	315	12.3

**Design Hour Volume

PLL:Q:PRE:60.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-43 BIG SKY

YEAR: 1993

LOCATION: US 191, P-50, 1.5 MILES NORTH OF MT 64-BIG SKY, MP 49.8

LARGE TRUCKS: 9.6%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2072	1697	1655	1702	1840	2087	2215	1918	1810	105.97%	74.61%
FEBRUARY	2536	1920	1817	1872	2013	2430	2752	2191	2010	109.00%	85.23%
MARCH	2742	2080	2088	2234	2369	2779	2880	2422	2287	105.90%	94.22%
APRIL	1658	1607	1713	1808	1933	1955	1862	1801	1816	99.17%	70.06%
MAY	2114	2155	1930	2071	2160	2452	2133	2144	2153	99.58%	83.40%
JUNE	3096	3135	2933	3019	2946	3194	3053	3048	3039	100.30%	118.57%
JULY	3634	3721	3683	3806	3967	4293	3834	3866	3915	98.75%	150.39%
AUGUST	3931	3786	3745	3935	4039	4264	4045	3950	3936	100.36%	153.66%
SEPTEMBER	2983	3137	2995	3059	3165	3573	3252	3163	3179	99.50%	123.04%
OCTOBER	2096	2260	2215	2278	2306	2540	2189	2270	2330	97.42%	88.30%
NOVEMBER	1834	1837	1860	2074	1793	2094	1944	1916	1924	99.58%	74.53%
DECEMBER	2171	2092	2164	2116	2239	2346	1931	2159	2197	98.27%	83.99%
DAILY AVE FOR YEAR	2572	2452	2400	2498	2564	2834	2674	2571	2550	100.82%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-46 — Route U.S. 2, West of Havre

Functional Class Principal Arterial — Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1982	1318	233	17.7	197	14.2	178	13.5	189	13.6				
1989	1427	236	16.6	201	14.1	189	13.2	182	12.1				
1982	1346	252	17.7	194	14.4	187	13.9	183	13.6				
1983	1382	222	16.1	200	14.9	194	14.0	189	13.6				
1984	1326	191	14.6	171	12.9	165	12.4	160	12.1				
1985	1252	201	16.1	177	14.1	167	13.3	168	13.6				
1986	1293	198	15.3	183	14.2	189	13.5	189	13.6				
1982	1329	194	14.6	182	13.9	174	13.1	189	12.1				
1988	1364	200	17.7	190	13.9	187	13.3	177	13.6				
1989	1352	200	20.6	171	14.1	183	13.8	183	13.6				
1990	1427	253	17.7	200	14.9	206	14.4	200	13.6				
1991	1380	201	14.6	194	14.1	187	13.6	183	13.3				
1992	1445	201	14.6	173	13.6	187	13.1	183	12.9				
1993	1470	239	16.3	213	14.5	203	13.8	197	13.4	190	12.9	181	12.3

**Design Hour Volume

PLL:Q:PRE:63.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-46 HAVRE

YEAR: 1993

LOCATION: US 2, P-1, 9.0 MILES WEST OF HAVRE, MP 372.9

LARGE TRUCKS: 4.7%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY SUN THRU SATURDAY	AVE WEEKDAY MON THRU FRIDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	725	956	969	1038	1031	1043	949	953	1009	94.45%	64.83%
FEBRUARY	829	1070	998	1051	1086	1209	1065	1044	1083	96.40%	71.02%
MARCH	1024	1151	1130	1192	1250	1381	1202	1187	1212	97.94%	80.74%
APRIL	1163	1275	1356	1338	1469	1585	1282	1364	1416	96.33%	92.78%
MAY	1462	1581	1552	1554	1680	1824	1562	1596	1635	97.61%	108.57%
JUNE	1955	1827	1872	1884	1872	2087	2017	1927	1905	101.15%	131.08%
JULY	1971	2115	2089	2181	2149	2244	2012	2111	2160	97.73%	143.60%
AUGUST	2117	2152	2052	2115	2215	2363	2110	2155	2172	99.22%	146.59%
SEPTEMBER	1492	1586	1563	1632	1590	1851	1603	1616	1641	98.48%	109.93%
OCTOBER	1185	1440	1496	1439	1422	1600	1452	1431	1485	96.36%	97.34%
NOVEMBER	939	1185	1221	1323	1198	1330	1046	1179	1247	94.55%	80.20%
DECEMBER	844	1076	1112	1188	1135	1149	987	1078	1135	94.98%	73.33%
DAILY AVE FOR YEAR	1309	1451	1451	1495	1508	1639	1441	1470	1508	97.46%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-47 Route U.S. 93, N of Florence

Functional Class Principal Arterial Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	4838	511	11.9	488	11.0	475	10.7	465	10.6				
1981	4491	558	12.4	489	10.6	481	10.7	471	10.6				
1982	4357	511	11.9	474	10.6	468	10.7	460	10.6				
1980	4838	587	12.1	545	11.0	529	10.6	521	10.6				
1986	5000	575	11.9	537	10.7	524	10.6	515	10.6				
1985	5000	678	11.4	543	10.6	529	10.6	515	10.6				
1986	5047	625	12.4	543	10.6	515	10.6	526	10.6				
1987	5272	591	11.2	556	10.5	548	10.6	541	10.6				
1988	5467	670	12.3	585	10.7	529	10.6	559	10.2				
1989	5497	669	12.2	599	10.7	595	10.6	562	10.2				
1990	5765	678	11.9	623	10.6	606	10.6	595	10.6				
1991	6040	719	11.9	649	10.7	630	10.4	620	10.6				
1992	6619	777	11.9	709	10.7	692	10.5	681	10.3				
1993	6856	875	12.5	752	11.0	732	10.7	726	10.6	708	10.3	685	10.0

**Design Hour Volume

PLL:Q:PRE:64.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-47 FLORENCE YEAR: 1993

LOCATION: US 93, P-7, 1.0 MILES NORTH OF FLORENCE, MP 73.7 LARGE TRUCKS: 3.0%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	3991	5332	5565	5405	5578	5091	4914	5081	5380	94.44%	74.11%
FEBRUARY	4451	5503	5672	5712	5606	5903	5552	5485	5679	96.58%	80.00%
MARCH	5364	6076	6286	6385	6485	6935	6409	6274	6409	97.89%	91.51%
APRIL	5515	6857	7040	7008	7232	7749	7007	6954	7206	96.50%	101.43%
MAY	6265	6887	7114	7203	7368	8035	7349	7141	7301	97.81%	104.16%
JUNE	6679	7519	7563	7651	7709	8440	7544	7588	7761	97.77%	110.68%
JULY	6829	7611	8117	8213	8272	8831	7688	7969	8240	96.71%	116.24%
AUGUST	6837	8007	8020	8288	8255	8853	7747	7964	8260	96.42%	116.16%
SEPTEMBER	6472	7322	7639	7820	8024	8845	8038	7749	7929	97.73%	113.03%
OCTOBER	5772	7161	7257	7481	7474	8448	7219	7248	7606	95.29%	105.72%
NOVEMBER	5123	6293	6512	6990	6315	7272	6155	6382	6651	95.96%	93.09%
DECEMBER	5025	6590	6689	6748	6820	6863	6027	6435	6751	95.32%	93.86%
DAILY AVE FOR YEAR	5694	6763	6956	7075	7095	7605	6804	6856	7098	96.59%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-49

Route Montana 39, Just S. of I-94

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1980	1186	303	25.5	256	20.3	291	20.0	216	18.2				
1980	1394	457	32.8	148	24.9	291	23.4	256	18.4				
1980	1752	495	28.3	448	25.6	410	23.4	371	21.2				
1983	1705	404	23.7	130	22.9	368	23.6	266	20.2				
1984	1166	263	22.6	237	20.3	216	18.4	266	18.2				
1980	941	177	19.8	1752	16.2	141	15.0	134	14.9				
1984	881	174	19.8	138	15.7	133	15.1	128	14.9				
1980	904	150	19.8	138	15.0	127	14.0	122	14.9				
1988	938	163	19.8	148	15.7	139	15.2	129	14.9				
1989	958	208	23.7	138	16.8	151	15.8	148	14.9				
1990	988	197	19.8	988	16.8	155	15.7	147	14.9				
1991	940	197	22.6	148	15.8	138	14.4	143	14.9				
1992	983	171	17.4	149	15.2	141	14.3	133	13.5				
1993	1045	183	17.5	158	15.1	151	14.4	146	14.0	141	13.5	128	12.2

**Design Hour Volume

PLL:Q:PRE:66.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-49 COLSTRIP

YEAR: 1993

LOCATION: MT 39, 0.5 MILES SOUTH OF I-94, MP 50.7

LARGE TRUCKS: 7.4%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	494	832	807	816	901	837	707	762	838	90.93%	72.90%
FEBRUARY	553	857	824	808	963	1060	820	841	903	93.13%	80.46%
MARCH	732	1035	1010	1048	1060	1126	961	999	1052	94.96%	95.58%
APRIL	872	1222	1225	1206	1307	1365	1158	1203	1272	94.58%	115.09%
MAY	978	1223	1232	1229	1317	1458	1183	1221	1288	94.80%	116.81%
JUNE	977	1299	1329	1347	1354	1444	1115	1271	1353	93.94%	121.60%
JULY	732	1103	1138	1202	1292	1310	912	1106	1217	90.88%	105.81%
AUGUST	824	1185	1195	1149	1210	1307	982	1117	1208	92.47%	106.86%
SEPTEMBER	710	1027	1109	1072	1152	1308	1048	1064	1131	94.08%	101.79%
OCTOBER	726	1146	1164	1158	1170	1372	942	1089	1210	90.00%	104.19%
NOVEMBER	689	1060	1061	1102	971	1137	933	998	1065	93.71%	95.48%
DECEMBER	576	878	952	919	967	949	810	872	934	93.36%	83.43%
DAILY AVE FOR YEAR	739	1072	1087	1088	1139	1223	964	1045	1123	93.11%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-50 Route Main Street - Billings

Functional Class Principal Arterial Traffic Type Primary - Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	25085	2468	9.8	2402	9.6	2359	9.4	2333	9.3				
1982	25471	2635	10.3	2547	10.0	2498	9.8	2469	9.7				
1983	26795	2880	10.8	2747	10.0	2701	10.3	2469	9.3				
1984	27925	2889	10.4	2772	9.8	2732	9.8	2682	9.3				
1985	27711	3124	11.3	3003	10.8	2809	10.0	2866	10.3				
1986	28780	3051	10.6	2902	10.0	2932	10.2	2901	10.3				
1987	28262	3034	10.7	2802	9.8	2744	9.8	2729	9.3				
1986	28947	3255	10.4	2894	10.0	2841	9.8	2797	9.3				
1989	27723	3445	10.4	2934	10.0	2844	10.0	2815	10.2				
1990	28947	3357	10.4	3085	10.0	2992	10.3	2931	10.3				
1991	29284	3105	10.6	2995	10.2	2962	10.1	2937	10.0				
1992	30959	5629	18.2	3124	10.1	3071	9.9	3048	9.8				
1993	30954	3298	10.7	3169	10.2	3126	10.1	3080	10.0	3028	9.8	2941	9.5

**Design Hour Volume

PLL:Q:PRE:67.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-50 BILLINGS

YEAR: 1993

LOCATION: US 87, P-16, BETWEEN MILTON ROAD & HANSEN LANE

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	19943	28960	28236	28664	29182	29334	26654	27091	28897	93.75%	87.52%
FEBRUARY	20876	29089	29443	28956	30579	34860	30774	29225	30585	95.55%	94.41%
MARCH	23612	31663	30995	32237	32095	36040	31773	31244	32479	96.20%	100.94%
APRIL	23605	32289	32876	33225	34078	38370	34043	32880	34355	95.71%	106.22%
MAY	24728	31874	33959	33712	34480	38251	32852	32545	34332	94.79%	105.14%
JUNE	24765	33644	34637	34613	34742	37898	32601	33361	35063	95.15%	107.77%
JULY	24704	30469	33397	33046	33926	36589	29870	31884	33647	94.76%	103.00%
AUGUST	25348	34257	34036	34072	34198	37428	32341	32915	34739	94.75%	106.33%
SEPTEMBER	22906	29573	31883	31775	32069	36001	30375	30739	32229	95.38%	99.30%
OCTOBER	22941	30263	30828	31182	31294	34120	30196	30018	31660	94.81%	96.98%
NOVEMBER	22026	30976	30506	31634	27242	33830	29411	29466	30829	95.58%	95.19%
DECEMBER	22404	31429	31631	31692	30778	33412	27834	30084	31811	94.57%	97.19%
DAILY AVE FOR YEAR	23155	31207	31869	32067	32055	35511	30727	30954	32552	95.09%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-51 Route Broadwater Ave. - Billings

Functional Class Principal Arterial Traffic Type Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	13058	1562	12.0	1415	10.8	1363	10.4	1320	10.4				
1982	13252	1504	11.0	1423	10.0	1437	10.5	1323	10.4				
1981	13579	1490	11.0	1443	10.0	1421	10.0	1402	10.4				
1984	13579	1504	11.0	1447	10.0	1404	10.3	1393	10.4				
1985	14339	1575	11.0	1504	10.0	1476	10.3	1385	10.4				
1986	14243	1504	11.0	1464	10.3	1437	10.3	1437	10.4				
1987	13850	1472	11.0	1409	10.0	1385	10.0	1384	9.9				
1988	13714	1543	11.0	1423	10.7	1437	10.3	1384	10.4				
1989	13692	1627	11.9	1473	10.8	1437	10.0	1409	10.4				
1990	13850	1675	12.1	1576	11.3	1500	10.8	1384	10.5				
1991	13479	1556	11.5	1423	10.6	1382	10.3	1356	10.1				
1992	13975	1490	10.7	1449	10.4	1423	10.2	1405	10.1				
1993	14380	1524	10.6	1473	10.2	1453	10.1	1440	10.0	1412	9.8	1385	9.6

**Design Hour Volume

PLL:Q:PRE:68.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-51 BILLINGS YEAR: 1993

LOCATION: BROADWATER, BETWEEN 22ND STREET & GAY PLACE

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	9899	13326	13373	13703	13406	13653	13087	12852	13500	95.20%	89.37%
FEBRUARY	10115	12993	13347	13913	13776	15314	13976	13348	13868	96.25%	92.82%
MARCH	10937	14109	13898	14594	14262	15884	14358	14025	14504	96.70%	97.53%
APRIL	11073	14741	15285	15505	15793	17385	15730	15174	15819	95.92%	105.52%
MAY	11221	14348	15501	15810	15637	17430	15236	14888	15679	94.96%	103.53%
JUNE	10944	15073	15832	16043	16100	17390	14679	15204	16074	94.59%	105.73%
JULY	10808	14101	15722	15514	15820	16999	13860	14773	15702	94.08%	102.73%
AUGUST	11025	15382	15564	15701	15639	17093	14328	14868	15839	93.87%	103.39%
SEPTEMBER	10601	13178	15135	15361	15272	17061	14415	14491	15212	95.26%	100.77%
OCTOBER	10838	14420	14853	15086	15177	16322	14794	14449	15226	94.90%	100.48%
NOVEMBER	10511	14235	14362	14739	12455	16055	14074	13810	14362	96.16%	96.03%
DECEMBER	11694	15061	15499	15406	15061	16068	13361	14682	15431	95.15%	102.10%
DAILY AVE FOR YEAR	10806	14247	14864	15115	14867	16388	14325	14380	15101	95.23%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-52

Route Old Hardin Road - Billings

Functional Class Minor Arterial

Traffic Type Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	5945	645	13.2	621	11.6	612	10.3	603	10.8				
1982	6164	768	12.7	ADT	11.3	677	11.1	669	10.8				
1983	6374	768	12.1	723	11.3	709	11.1	699	10.8				
1984	6664	792	13.5	748	11.2	733	11.0	720	10.8				
1985	6754	820	12.7	782	11.6	759	11.2	748	10.8				
1986	6762	820	12.1	769	11.4	759	11.2	747	11.1				
1981	5046	820	16.3	776	15.4	749	14.8	737	10.8				
1988	2918	385	13.2	339	11.6	325	11.1	317	10.8				
1989	2712	365	13.5	319	11.6	310	11.4	609	11.2				
1990	2717	413	15.2	342	12.6	323	11.1	312	10.8				
1991	2717	353	13.0	333	12.3	319	11.7	315	11.6				
1992	3068	407	13.3	358	11.7	348	11.3	340	11.1				
1993	3302	450	13.6	398	12.1	393	11.9	381	11.5	373	11.3	351	10.6

**Design Hour Volume

PLL:Q:PRE:69.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-52 BILLINGS

YEAR: 1993

LOCATION: OLD HARDIN ROAD, BETWEEN PETERS & PICCOLO

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	2083	2874	2832	2882	2864	2866	2644	2702	2864	94.34%	81.82%
FEBRUARY	2245	2931	2986	2946	2980	3239	2958	2898	3016	96.09%	87.76%
MARCH	2462	3222	3173	3301	3175	3523	3256	3166	3273	96.73%	95.87%
APRIL	2560	3441	3470	3571	3538	3858	3673	3461	3587	96.49%	104.81%
MAY	2655	3468	3736	3693	3746	4005	3607	3528	3717	94.92%	106.84%
JUNE	2689	3782	3955	3915	3794	4189	3678	3729	3928	94.93%	112.92%
JULY	2798	3520	3764	3921	4005	4157	3390	3670	3892	94.30%	111.14%
AUGUST	2728	3828	3807	3827	3791	4099	3402	3622	3866	93.69%	109.68%
SEPTEMBER	2484	3344	3593	3616	3607	3919	3352	3429	3615	94.85%	103.84%
OCTOBER	2492	3422	3408	3499	3520	3716	3220	3308	3523	93.90%	100.17%
NOVEMBER	2201	3297	3171	3402	3014	3293	2944	3058	3235	94.53%	92.60%
DECEMBER	2230	3111	3156	3314	3229	3400	2760	3056	3251	94.00%	92.54%
DAILY AVE FOR YEAR	2469	3353	3421	3491	3439	3689	3240	3302	3481	94.88%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-53

Route U.S. 12, East of Miles City

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	40?	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1981	583	123	21.1	74	13.7	70	12.0	64	13.4				
1982	535	86	16.1	75	14.0	71	13.3	69	12.4				
1983	573	95	16.6	83	14.5	78	13.7	76	13.4				
1984	581	178	16.6	120	20.7	82	14.1	78	13.4				
1985	543	104	19.2	80	14.1	72	13.3	63	12.4				
1986	547	79	16.6	73	13.4	70	12.7	63	12.4				
1987	547	95	17.5	74	13.7	65	12.7	67	12.4				
1988	489	78	16.1	68	13.9	65	13.9	63	12.4				
1989	398	128	32.2	89	22.4	82	20.6	76	13.4				
1990	489	108	21.1	86	20.8	79	14.1	78	12.4				
1991	384	62	16.1	56	14.6	53	13.8	52	13.5				
1992	402	109	27.1	60	14.9	56	13.9	53	13.2				
1993	414	71	17.1	62	15.0	57	13.8	56	13.5	53	12.8	49	11.8

**Design Hour Volume

PLL:Q:PRE:70.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-53 LOCATE

YEAR: 1993

LOCATION: US 12, P-2, 36.6 MILES EAST IF I-94 NEAR LOCATE, MP 36.6

LARGE TRUCKS: 12.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY SUN THRU SATURDAY	AVE WEEKDAY MON THRU FRIDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT				
JANUARY	222	286	305	295	292	288	258	276	293	94.20%	66.64%
FEBRUARY	269	334	373	325	365	471	374	359	374	95.99%	86.68%
MARCH	308	339	349	351	369	417	344	353	362	97.51%	85.23%
APRIL	345	393	393	383	376	447	358	387	399	96.99%	93.44%
MAY	412	460	444	391	428	516	418	438	448	97.77%	105.75%
JUNE	476	478	496	472	484	551	487	491	495	99.19%	118.55%
JULY	468	549	522	533	539	585	539	535	547	97.81%	129.18%
AUGUST	484	512	472	489	501	547	466	495	503	98.41%	119.52%
SEPTEMBER	366	438	451	417	418	553	440	439	452	97.12%	106.00%
OCTOBER	403	430	452	475	428	500	440	447	459	97.39%	107.93%
NOVEMBER	409	372	392	443	377	408	409	400	397	100.76%	96.58%
DECEMBER	270	364	354	382	352	367	348	350	364	96.15%	84.51%
DAILY AVE FOR YEAR	369	413	417	413	411	471	407	414	424	97.58%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-54

Route 19th Street W - Billings

Functional Class Minor Arterial

Traffic Type Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1984	5450	875	13.3	664	12.2	651	11.9	637	12.0				
1985	5920	861	14.5	729	12.3	710	12.3	698	12.0				
1986	5846	789	13.5	719	12.3	690	11.8	674	11.5				
1987	5944	761	12.2	681	11.5	665	11.2	654	12.0				
1988	5803	710	12.2	667	11.5	698	11.3	643	12.0				
1989	5670	754	13.3	696	12.3	670	11.8	657	12.0				
1990	6939	926	13.3	889	12.3	854	12.3	835	12.0				
1991	6896	892	12.9	822	11.9	790	11.5	771	11.2				
1992	7103	887	12.5	816	11.5	801	11.3	791	11.1				
1993	7552	1092	14.5	993	13.1	947	12.5	874	11.6	843	11.2	815	10.8

**Design Hour Volume

PLL:Q:PRE:71.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-54 BILLINGS

YEAR: 1993

LOCATION: 19TH STREET WEST, BETWEEN WYOMING & YELLOWSTONE AVENUES

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	4292	6803	6886	6762	6919	6830	6169	6320	6839	92.41%	83.69%
FEBRUARY	4385	6945	7031	6923	7275	8022	6852	6776	7239	93.60%	89.72%
MARCH	5073	7645	7596	7706	7679	8475	7207	7370	7798	94.51%	97.59%
APRIL	4916	7774	8087	8258	8377	9126	7786	7827	8363	93.59%	103.64%
MAY	5237	7725	8408	8419	8515	9331	7733	7812	8443	92.53%	103.44%
JUNE	5372	7996	8520	8344	8601	9322	7446	7975	8545	93.33%	105.60%
JULY	5378	7601	8115	8098	8271	8994	7032	7686	8254	93.12%	101.77%
AUGUST	5442	8081	8458	8405	8478	8868	7168	7793	8441	92.32%	103.19%
SEPTEMBER	5387	8002	9080	8821	8942	9698	7121	8199	8906	92.06%	108.57%
OCTOBER	5182	8044	8180	8172	8153	8771	7379	7641	8288	92.19%	101.18%
NOVEMBER	4970	7776	7984	7916	6773	8531	7188	7344	7804	94.11%	97.25%
DECEMBER	5404	8233	8515	8382	8423	8788	6932	7881	8476	92.98%	104.36%
DAILY AVE FOR YEAR	5087	7719	8072	8017	8034	8730	7168	7552	8116	93.05%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-55

Route U.S. 12, E of Ryegate

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1991*	1223	444	36.3	346	28.3	327	26.7	306	25.0				
1992	1226	242	19.7	176	14.4	168	13.7	163	13.3				
1993	1243	215	17.3	181	14.6	175	14.1	166	13.4	157	12.6	144	11.6

*Data based on 9 months of operation

**Design Hour Volume

PLL:Q:PRE:72.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-55 RYEGATE

YEAR: 1993

LOCATION: US 12, P-14, 2.5 MILES EAST OF RYEGATE, MP 133.5

LARGE TRUCKS: 14.5%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	789	857	846	857	883	907	840	853	872	97.82%	68.62%
FEBRUARY	876	947	820	856	982	1104	895	926	942	98.30%	74.49%
MARCH	1138	955	917	981	1038	1329	1012	1043	1032	101.07%	83.90%
APRIL	1258	1172	1049	1149	1216	1523	1158	1228	1235	99.43%	98.79%
MAY	1430	1392	1185	1234	1320	1618	1342	1363	1352	100.81%	109.65%
JUNE	1681	1336	1335	1406	1488	1705	1464	1480	1446	102.35%	119.06%
JULY	1555	1398	1336	1301	1429	1765	1378	1458	1459	99.93%	117.29%
AUGUST	1714	1479	1392	1436	1445	1733	1459	1523	1491	102.15%	122.52%
SEPTEMBER	1313	1358	1249	1220	1277	1600	1387	1337	1332	100.38%	107.56%
OCTOBER	1490	1321	1256	1340	1328	1485	1420	1385	1352	102.44%	111.42%
NOVEMBER	1417	1101	1060	1240	1145	1406	1261	1223	1180	103.64%	98.38%
DECEMBER	1045	1108	1079	1132	1182	1168	926	1098	1137	96.57%	88.33%
DAILY AVE FOR YEAR	1309	1202	1127	1179	1228	1445	1212	1243	1236	100.59%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-56

Route U.S. 93, N of Hamilton

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	5853	733	12.5	655	11.2	610	10.8	618	10.6				
1987	6044	734	12.1	663	11.0	652	10.8	642	10.6				
1988	6370	955	15.0	708	11.1	687	10.8	674	10.6				
1989	6617	875	13.2	747	11.3	720	10.9	709	10.6				
1990	6912	903	13.1	779	11.3	760	11.0	746	10.6				
1991	7583	1007	13.1	905	11.9	880	11.6	864	10.6				
1992	8131	975	12.5	895	11.0	874	10.9	642	10.6				
1993	8572	1042	12.2	953	11.1	941	11.0	930	10.8	909	10.6	875	10.2

**Design Hour Volume

PLL:Q:PRE:73.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-56 HAMILTON

YEAR: 1993

LOCATION: US 93, P-7, 2.5 MILES NORTH OF HAMILTON, MP 51

LARGE TRUCKS: 1.7%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	4321	6936	7196	6992	7193	6532	5806	6341	6949	91.25%	73.97%
FEBRUARY	4919	7129	7221	7306	7071	7499	6366	6787	7245	93.68%	79.18%
MARCH	5831	7918	8142	8299	8239	8882	7616	7873	8273	95.16%	91.84%
APRIL	5899	8897	8874	8984	9371	9980	8269	8681	9262	93.73%	101.27%
MAY	6895	8920	9306	9521	9531	10430	8683	8956	9512	94.15%	104.48%
JUNE	7380	9941	10124	10053	9979	10922	9076	9669	10193	94.86%	112.80%
JULY	7838	10126	10384	10641	10752	11448	9543	10151	10709	94.79%	118.42%
AUGUST	7233	10326	10180	10276	10145	10792	8607	9612	10336	93.00%	112.13%
SEPTEMBER	7299	9318	9934	10203	10276	11289	9672	9748	10207	95.50%	113.72%
OCTOBER	6509	9285	9343	9456	9375	10547	8739	8994	9646	93.24%	104.92%
NOVEMBER	5841	8342	8605	9077	7758	9346	7630	8111	8612	94.18%	94.62%
DECEMBER	5532	8364	8444	8514	8559	8845	6811	7942	8557	92.81%	92.65%
DAILY AVE FOR YEAR	6291	8792	8979	9110	9021	9709	8068	8572	9125	93.94%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-57

Route I-90, Just South of Lodge Grass

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1992*	3120	451	14.5	413	13.2	405	13.0	398	12.8				
1993	3110	613	19.7	464	14.9	443	14.2	435	14.0	425	13.7	406	13.1

*Data based on 9 months of operation.

**Design Hour Volume

PLL:Q:PRE:165.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-57 LODGE GRASS

YEAR: 1993

LOCATION: I-90, JUST SOUTH OF LODGE GRASS, MP 533.3

LARGE TRUCKS: 17.8%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2174	1801	1890	1892	1964	2096	2143	2008	1936	103.72%	64.56%
FEBRUARY	2318	2039	2072	2079	2120	2394	2185	2172	2141	101.45%	69.84%
MARCH	2506	2124	2146	2169	2268	2595	2530	2316	2246	103.12%	74.47%
APRIL	2550	2428	2276	2460	2593	2873	2606	2554	2545	100.35%	82.12%
MAY	3250	3114	2850	2994	3228	3562	3276	3185	3148	101.18%	102.41%
JUNE	4483	3982	3938	4113	4332	4453	4288	4213	4151	101.49%	135.46%
JULY	4894	4960	4695	4817	4855	5221	4954	4923	4921	100.04%	158.29%
AUGUST	5342	4716	4532	4848	5090	5356	5302	5011	4883	102.62%	161.12%
SEPTEMBER	3616	3567	3240	3373	3439	3921	3666	3536	3498	101.09%	113.69%
OCTOBER	2793	2553	2590	2654	2795	2972	2903	2765	2725	101.47%	88.90%
NOVEMBER	2697	2109	2121	2428	2132	2324	2587	2327	2213	105.15%	74.82%
DECEMBER	2346	2297	2309	2320	2372	2293	2238	2312	2320	99.66%	74.34%
DAILY AVE FOR YEAR	3247	2974	2888	3012	3099	3338	3223	3110	3061	101.62%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-58

Route U.S. 212, N of Red Lodge

Functional Class Minor Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	1695	376	22.2	321	18.9	295	17.4	279	16.5				
1987	1838	675	36.7	370	20.1	336	18.3	321	17.5				
1988	1880	682	36.3	467	24.8	363	19.3	340	18.1				
1989	1896	773	40.7	454	23.9	388	20.5	350	18.5				
1990	1971	696	35.3	397	20.1	364	18.5	349	17.7				
1991	2068	730	35.3	407	19.7	380	18.4	367	17.7				
1992	2211	824	37.3	431	19.5	390	17.6	376	17.0				
1993	2375	511	21.5	413	17.4	393	16.5	382	16.1	360	15.2	325	13.7

**Design Hour Volume

PLL:Q:PRE:74.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-58 RED LODGE

YEAR: 1993

LOCATION: US 212, P-28, 1.8 MILES NORTH OF RED LODGE, MP 72

LARGE TRUCKS: 1.0%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1941	1660	1544	1596	1570	1731	2117	1756	1625	108.06%	73.94%
FEBRUARY	1998	1659	1665	1554	1659	1861	2253	1807	1679	107.62%	76.09%
MARCH	2268	1861	1861	1881	1740	2065	2607	2024	1880	107.66%	85.22%
APRIL	2018	1567	1609	1812	1794	2047	2258	1875	1779	105.40%	78.95%
MAY	2780	2399	1988	2118	2151	2457	2595	2378	2231	106.59%	100.13%
JUNE	3512	2574	2497	2617	2410	2964	3350	2827	2607	108.44%	119.04%
JULY	4257	3161	2981	3222	3151	3745	3905	3500	3270	107.03%	147.37%
AUGUST	4007	2869	2762	3052	3050	3406	3749	3265	3008	108.54%	137.48%
SEPTEMBER	2640	2407	2212	2346	2357	2727	3056	2523	2405	104.91%	106.24%
OCTOBER	2063	1882	1917	2034	1784	2002	2093	1976	1928	102.49%	83.20%
NOVEMBER	2697	2109	2121	2428	2132	2324	2587	2327	2213	105.15%	97.98%
DECEMBER	2229	2161	2222	2277	2179	2362	2232	2241	2245	99.82%	94.36%
DAILY AVE FOR YEAR	2701	2192	2115	2245	2165	2474	2734	2375	2239	106.06%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-59

Route I-90, Billings Urban

Functional Class Principal Arterial

Traffic Type Interstate - Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1991*	14067	2833	20.1	1605	11.4	1533	10.9	1509	10.7				
1992	14032	1721	12.3	1539	11.0	1505	10.7	1482	10.6				
1993	15267	2033	13.3	1777	11.6	1710	11.2	1674	11.0	1623	10.6	1548	10.1

*Data based on 9 months of operation.

**Design Hour Volume

PLL:Q:PRE:75.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-59 BILLINGS

YEAR: 1993

LOCATION: I-90 AT BILLINGS URBAN, MP 477

LARGE TRUCKS: 8.9%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	9473	11873	11861	12299	12192	12528	11595	11641	12168	95.67%	76.25%
FEBRUARY	10318	12828	12697	12749	13835	15751	14051	13176	13572	97.08%	86.31%
MARCH	12794	13510	13672	14199	14997	17430	16211	14601	14635	99.77%	95.64%
APRIL	13550	15060	15384	16141	16175	18839	16607	16068	16428	97.81%	105.25%
MAY	13937	16252	15931	16602	17163	18850	16543	16382	16926	96.79%	107.31%
JUNE	16582	18150	18431	18943	19621	21260	18837	18822	19227	97.89%	123.29%
JULY	17543	19118	19838	20193	20558	21935	19186	19844	20412	97.22%	129.98%
AUGUST	16294	17811	17458	18137	18275	19619	18241	17900	18203	98.34%	117.25%
SEPTEMBER	12376	13962	14422	14890	14964	16607	14785	14596	14965	97.53%	95.61%
OCTOBER	11419	13567	13771	14210	14387	15226	13754	13733	14279	96.18%	89.95%
NOVEMBER	11227	12542	13212	14107	12223	14155	12732	12885	13214	97.51%	84.40%
DECEMBER	11115	13860	14313	14432	13898	14136	12663	13553	14131	95.91%	88.77%
DAILY AVE FOR YEAR	13052	14878	15083	15575	15691	17195	15434	15267	15680	97.36%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-60

Route U.S. 2, N of Columbia Heights

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1987	3549	737	20.8	660	18.6	643	18.6	628	17.7				
1983	3922	765	19.5	826	18.4	658	17.7	673	16.2				
1988	3967	769	18.6	660	17.2	663	18.1	647	16.4				
1985	3549	738	18.6	887	17.4	658	18.6	644	16.2				
1986	4270	957	18.6	743	17.4	729	18.1	710	16.6				
1987	4522	826	18.6	768	17.9	741	18.4	726	16.4				
1988	4697	887	18.6	806	17.2	785	18.1	769	16.4				
1989	4775	957	20.0	865	18.6	834	17.5	824	16.4				
1990	5016	1017	20.8	932	18.1	658	18.1	824	16.6				
1990	5116	974	18.6	906	17.9	907	18.1	888	16.4				
1992	5720	1046	18.3	987	17.3	965	16.9	945	16.5				
1993	5881	1080	18.4	1029	17.5	1001	17.0	979	16.6	953	16.2	907	15.4

**Design Hour Volume

PLL:Q:PRE:76.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-60 HOUSE OF MYSTERY YEAR: 1993

LOCATION: US 2, P-1, 1.5 MILES NORTH OF COLUMBIA FALLS HEIGHTS, MP 139.6 LARGE TRUCKS: 1.6%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2561	2738	3073	3073	3188	3121	2960	2952	3043	97.01%	50.20%
FEBRUARY	3140	3463	3370	3408	3552	3824	3243	3429	3523	97.33%	58.31%
MARCH	3797	3741	3693	3936	3960	4382	3868	3899	3922	99.41%	66.30%
APRIL	3918	4303	4464	4376	4660	4961	4268	4447	4576	97.18%	75.62%
MAY	6425	6274	5689	5706	5711	6629	6121	6098	6015	101.38%	103.69%
JUNE	8788	8039	7385	7643	7813	8747	8559	8097	7888	102.65%	137.68%
JULY	10713	10387	10332	10280	10419	11216	10951	10638	10553	100.81%	180.89%
AUGUST	11149	10511	10013	10839	10853	11551	10800	10791	10709	100.77%	183.49%
SEPTEMBER	7616	7635	6862	6940	7251	8541	8327	7563	7414	102.01%	128.60%
OCTOBER	5102	5261	5144	5055	4978	6038	5572	5333	5330	100.06%	90.68%
NOVEMBER	2941	3536	3882	4095	3549	4348	3673	3717	3866	96.15%	63.20%
DECEMBER	3037	3779	3668	3584	3825	3977	3244	3608	3770	95.70%	61.35%
DAILY AVE FOR YEAR	5766	5806	5631	5745	5813	6445	5966	5881	5884	99.95%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-61

Route I-15, S of Shelby

Functional Class Principal Arterial

Traffic Type Interstate - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1991*	2504	339	13.5	308	12.3	299	11.9	291	11.6				
1992	2489	387	15.5	322	12.9	309	12.4	300	12.1				
1993	2484	366	14.7	318	12.8	296	11.9	293	11.8	280	11.3	269	10.8

*Data based on 9 months of operation.

**Design Hour Volume

PLL:Q:PRE:77.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-61 SHELBY

YEAR: 1993

LOCATION:I-15, JUST NORTH OF MARIAS INTERCHANGE, MP 359.5

LARGE TRUCKS: 17.0%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	1544	1712	1775	1763	1903	2000	1929	1806	1839	98.21%	72.70%
FEBRUARY	1400	1606	1449	1730	1908	2302	1916	1759	1799	97.78%	70.80%
MARCH	2129	2183	2267	2348	2307	2757	2310	2323	2358	98.52%	93.51%
APRIL	2642	2475	2586	2507	2717	2839	2545	2627	2639	99.55%	105.74%
MAY	2364	2597	2763	2740	2914	2975	2547	2681	2788	96.16%	107.92%
JUNE	2626	2975	2901	3109	3052	3161	2891	2962	3036	97.56%	119.23%
JULY	3203	3252	3167	3270	3555	3612	3346	3359	3390	99.09%	135.21%
AUGUST	3024	3198	3037	3178	3194	3386	3176	3162	3191	99.09%	127.28%
SEPTEMBER	2301	2642	2447	2479	2535	3074	2715	2593	2624	98.82%	104.37%
OCTOBER	2092	2232	2167	2304	2274	2695	2460	2327	2352	98.94%	93.67%
NOVEMBER	1949	1914	1973	2175	2097	2527	2290	2119	2119	100.00%	85.29%
DECEMBER	1784	2070	2133	2106	2169	2230	2112	2094	2145	97.62%	84.29%
DAILY AVE FOR YEAR	2255	2405	2389	2476	2552	2797	2520	2484	2523	98.45%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-62 Route U.S. 93, N of Elmo

Functional Class Principal Arterial Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1986	1911	339	17.7	321	16.8	309	16.2	299	15.2				
1987	2062	381	18.1	332	16.1	322	15.6	312	15.2				
1988	2275	412	18.1	366	16.1	309	15.5	346	15.2				
1989	2200	412	18.1	348	15.8	339	15.1	324	14.7				
1990	2798	484	17.3	447	16.0	429	15.3	417	15.2				
1991	2916	551	18.9	471	16.2	460	15.8	346	15.2				
1992	3142	593	18.9	550	15.9	429	15.4	429	15.2				
1993	3385	591	17.5	531	15.7	506	14.9	491	14.5	477	14.1	448	13.2

**Design Hour Volume

PLL:Q:PRE:78.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-62 ELMO

YEAR: 1993

LOCATION: US 93, 0.8 MILES NORTH OF ELMO, MP 78

LARGE TRUCKS: 6.1%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1795	1712	1848	1953	2035	2070	2073	1932	1931	100.05%	57.08%
FEBRUARY	2191	2219	2089	2170	2344	2762	2515	2327	2317	100.43%	68.75%
MARCH	2857	2388	2383	2551	2717	3161	3108	2709	2614	103.63%	80.03%
APRIL	2945	2661	2745	2719	2909	3476	3254	2974	2928	101.57%	87.86%
MAY	3551	3270	2963	3012	3046	4093	3916	3424	3277	104.49%	101.15%
JUNE	4464	4004	3925	4002	3900	4609	4484	4183	4077	102.60%	123.58%
JULY	5723	5333	4787	5143	5046	6059	5849	5442	5299	102.70%	160.77%
AUGUST	5693	5090	4854	5238	5333	5920	5740	5390	5258	102.51%	159.24%
SEPTEMBER	4068	3887	3515	3729	3714	4696	4548	4005	3891	102.93%	118.32%
OCTOBER	3080	2911	2870	3023	3090	3803	3335	3183	3171	100.38%	94.03%
NOVEMBER	2498	2218	2358	2837	2556	2994	2631	2565	2565	100.00%	75.78%
DECEMBER	2284	2439	2511	2545	2573	2681	2277	2485	2556	97.22%	73.41%
DAILY AVE FOR YEAR	3429	3178	3071	3244	3272	3860	3644	3385	3324	101.84%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-63

Route US 212, 10.5 Miles East of FAS 484

Functional Class Principal Arterial

Traffic Type Primary - Rural

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1992*	650	109	16.8	92	14.2	83	12.8	79	12.8				
1993	572	99	17.3	83	14.5	78	13.6	73	12.8	69	12.1	65	11.4

*Data based on 5 months of operation.

**Design Hour Volume

PLL:Q:PRE:166.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-63 ASHLAND

YEAR: 1993

LOCATION: US 212, 13 MILES EAST OF ASHLAND, MP 76.7

LARGE TRUCKS: 35.2%

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	337	302	332	388	418	418	385	370	374	98.93%	64.74%
FEBRUARY	414	355	371	410	445	489	501	426	414	102.90%	74.54%
MARCH	476	406	418	489	475	506	514	466	456	102.19%	81.54%
APRIL	489	417	437	519	529	547	518	497	494	100.61%	86.96%
MAY	537	540	545	592	600	630	539	566	579	97.75%	99.04%
JUNE	688	596	607	640	667	707	693	654	642	101.87%	114.44%
JULY	617	691	657	691	764	767	643	693	719	96.38%	121.26%
AUGUST	803	697	731	781	790	830	764	768	761	100.92%	134.38%
SEPTEMBER	638	634	652	688	697	730	664	673	681	98.83%	117.76%
OCTOBER	732	686	711	775	779	755	751	742	742	100.00%	129.83%
NOVEMBER	617	501	521	620	528	560	649	567	543	104.42%	99.21%
DECEMBER	418	384	415	506	456	441	404	436	444	98.20%	76.29%
DAILY AVE FOR YEAR	564	517	533	592	596	615	585	572	571	100.13%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-64

Route MT 64, 1.0 Miles West of US 191

Functional Class Major Collector

Traffic Type Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1992*	2457	380	15.5	339	13.3	326	13.3	306	12.5				
1993	2549	443	17.4	392	15.4	366	14.4	349	13.7	335	13.1	309	12.1

*Data based on 6 months of operation.

**Design Hour Volume

PLL:Q:PRE:167.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-64 MEADOW VILLAGE YEAR: 1993

LOCATION: P-64, 1.0 MILES WEST OF US 191, AT MEADOW VILLAGE, MP 1 LARGE TRUCKS: 0.7%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	2205	2237	2253	2235	2297	2667	2617	2372	2353	100.81%	93.07%
FEBRUARY	2722	2439	2395	2532	2577	3038	3224	2704	2596	104.16%	106.10%
MARCH	2833	2655	2637	2783	2874	3364	3282	2896	2840	101.97%	113.63%
APRIL	1360	1544	1660	1672	1768	1827	1649	1650	1704	96.83%	64.74%
MAY	1264	1694	1681	1750	1768	1889	1362	1611	1753	91.90%	63.21%
JUNE	2225	2868	2728	2826	2603	2769	2416	2643	2761	95.73%	103.70%
JULY	3069	3426	3530	3623	3705	4064	3484	3576	3689	96.94%	140.31%
AUGUST	3080	3600	3621	3765	3836	3989	3490	3607	3748	96.24%	141.53%
SEPTEMBER	2464	2831	3036	3103	3086	3426	2848	2979	3096	96.22%	116.89%
OCTOBER	1544	2166	2224	2243	2082	2358	1811	2046	2221	92.12%	80.28%
NOVEMBER	1373	1915	1910	2006	1669	2109	1708	1819	1921	94.69%	71.37%
DECEMBER	2374	2742	2798	2667	2692	3032	2369	2680	2787	96.16%	105.16%
DAILY AVE FOR YEAR	2209	2510	2539	2600	2580	2878	2522	2549	2622	97.18%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-65

Route I-15, In Butte

Functional Class Principal Arterial

Traffic Type Interstate - Urban

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1992*	10435	1230	11.8	1154	11.1	1129	10.8	1110	10.6				
1993	10872	1326	12.2	1243	11.4	1220	11.2	1208	11.1	1175	10.8	1131	10.4

*Data based on 6 months of operation.

**Design Hour Volume

PLL:Q:PRE:168.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-65 BUTTE URBAN YEAR: 1993

LOCATION: I-15, BETWEEN MONTANA STREET & HARRISON AVENUE INTERCHANGES, MP 127 LARGE TRUCKS: 10.5%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	7081	7226	7572	7746	8005	7965	7758	7620	7715	98.77%	70.09%
FEBRUARY	8024	7665	7695	8245	8516	9506	8498	8307	8325	99.78%	76.41%
MARCH	9733	8500	8907	9364	9629	10857	10147	9526	9383	101.52%	87.62%
APRIL	9626	9356	9801	10087	10464	11705	10782	10315	10355	99.61%	94.88%
MAY	10901	10768	10558	10864	11295	12796	11807	11272	11233	100.35%	103.68%
JUNE	13154	12612	12563	12983	13173	14030	13007	13054	13045	100.07%	120.07%
JULY	13981	14373	14207	14545	14969	16277	15013	14830	14942	99.25%	136.40%
AUGUST	14742	14060	13961	14395	14564	15883	14774	14590	14521	100.48%	134.20%
SEPTEMBER	11395	11734	11571	11809	12249	13881	12159	12108	12229	99.01%	111.37%
OCTOBER	10122	10133	10261	10697	10835	12205	10975	10781	10892	98.98%	99.16%
NOVEMBER	9367	8624	9096	9899	9013	10231	9093	9301	9326	99.73%	85.55%
DECEMBER	7925	8596	9011	9035	9235	9309	7897	8762	9057	96.74%	80.59%
DAILY AVE FOR YEAR	10504	10304	10434	10806	10996	12054	10993	10872	10919	99.57%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-66

Route MT 83, North of MT 200, Clearwater Junction

Functional Class Minor Arterial

Traffic Type Primary - Recreational

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1992*	1180	183	15.5	164	13.9	155	13.1	145	12.3				
1993	1539	481	31.3	388	25.2	371	24.1	343	22.3	308	20.0	271	17.6

*Data based on 3 months of operation.

**Design Hour Volume

PLL:Q:PRE:169.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-66 CLEARWATER JUNCTION

YEAR: 1993

LOCATION: MT 83, 1.0 MILE NORTH OF MT 200, MP 1

LARGE TRUCKS: 4.1%

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY	WEEKDAY	DAILY AVERAGE
JANUARY	757	809	786	763	885	704	843	788	785	100.38%	51.19%
FEBRUARY	899	910	809	850	913	1084	979	920	913	100.77%	59.77%
MARCH	1102	853	847	938	1010	1204	1030	986	958	102.92%	64.06%
APRIL	1264	1027	1041	1062	1126	1386	1322	1181	1140	103.60%	76.73%
MAY	2178	1761	1318	1369	1499	2028	2005	1761	1603	109.86%	114.41%
JUNE	2866	1752	1605	1675	1700	2396	2298	2015	1809	111.39%	130.91%
JULY	3233	2505	2057	2168	2255	2955	2774	2573	2408	106.85%	167.16%
AUGUST	3393	2190	2067	2214	2355	2906	2675	2543	2327	109.28%	165.21%
SEPTEMBER	2148	2067	1572	1559	1729	2336	2231	1929	1834	105.18%	125.32%
OCTOBER	1662	1385	1351	1410	1429	1786	1634	1539	1487	103.50%	99.98%
NOVEMBER	1302	1108	1116	1339	1170	1498	1255	1246	1234	100.97%	80.95%
DECEMBER	876	1034	1021	1012	1040	1062	849	990	1034	95.74%	64.32%
DAILY AVE FOR YEAR	1807	1450	1299	1363	1426	1779	1658	1539	1461	105.36%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-67 Route Van Buren St. - Missoula

Functional Class Principal Arterial Traffic Type Urban and City Street

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1993	9338	1071	11.5	1037	11.1	1015	10.9	996	10.7	970	10.4	927	9.9

**Design Hour Volume

PLL:Q:PRE:170.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-67 MISSOULA YEAR: 1993

LOCATION: FAU 8115, ON VAN BUREN STREET, SOUTH OF POPLAR

	AVERAGE DAILY NUMBER OF VEHICLES										
	DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
MONTH	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	SITE NOT IN SERVICE UNTIL FEBRUARY										
FEBRUARY	7250	8400	8764	8733	8749	9262	8123	8390	8747	95.92%	89.85%
MARCH	7620	9087	9356	9475	9231	9608	8440	9006	9345	96.37%	96.45%
APRIL	7732	9270	9596	9794	9886	10293	9230	9446	9797	96.42%	101.16%
MAY	8326	9574	10121	10257	10380	11048	9667	9841	10243	96.08%	105.39%
JUNE	8069	9722	10019	10092	10306	10610	9107	9727	10141	95.92%	104.17%
JULY	7630	9322	10066	10016	9989	10010	8555	9384	9891	94.87%	100.50%
AUGUST	8076	9771	9891	9934	9978	10167	8930	9507	9938	95.66%	101.81%
SEPTEMBER	7775	9167	9913	9978	10046	10337	9159	9517	9899	96.14%	101.92%
OCTOBER	8109	9455	9630	9615	9658	10408	9310	9438	9784	96.46%	101.07%
NOVEMBER	7663	9396	9641	9730	8857	9736	8424	9094	9476	95.97%	97.39%
DECEMBER	7989	9444	9608	9696	9698	10180	8566	9364	9743	96.11%	100.28%
DAILY AVE FOR YEAR	7840	9328	9691	9756	9707	10151	8865	9338	9728	95.99%	

PEAK HOURLY TRAFFIC VOLUME AND PERCENTAGE OF PEAK HOURLY VOLUMES TO A.D.T.

Station A-68

Route Beckwith Avenue - Missoula

Functional Class Collector

Traffic Type Urban and City Street

		HIGHEST HOUR		10th		20th		** DHV 30th		50th		100th	
YEAR	ADT	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%	VOLUME	%
1993	2822	589	20.9	393	13.9	369	13.1	360	12.8	348	12.3	337	11.9

**Design Hour Volume

PLL:Q:PRE:171.dlw

AUTOMATIC RECORDER DATA BY MONTHS

STATION: A-68 MISSOULA

YEAR: 1993

LOCATION:ON FAU 8116, ON BECKWITH, JUST WEST OF HILDA

MONTH	AVERAGE DAILY NUMBER OF VEHICLES — DAY OF THE WEEK							AVE DAY	AVE WEEKDAY	PERCENT THE AVERAGE DAY IS OF THE AVERAGE WEEKDAY	PERCENT THE MONTH DAILY AVERAGE IS OF THE YEAR DAILY AVERAGE
	SUN	MON	TUES	WED	THUR	FRI	SAT	SUN THRU SATURDAY	MON THRU FRIDAY		
JANUARY	1333	2491	3048	3134	3232	3438	1714	2629	3068	85.69%	93.17%
FEBRUARY	1884	3771	3903	3830	3702	4133	2343	3366	3868	87.02%	119.28%
MARCH	1555	3437	3514	3564	3537	3326	1802	3015	3479	86.66%	106.85%
APRIL	1971	3858	3983	4023	4082	3891	2175	3463	3969	87.25%	122.72%
MAY	1489	2787	3130	3159	3130	3234	1980	2641	3073	85.94%	93.59%
JUNE	1158	2359	2349	2388	2359	2316	1422	2071	2355	87.94%	73.39%
JULY	1060	1948	2300	2398	2311	2204	1251	1924	2234	86.12%	68.18%
AUGUST	1368	2633	2622	2569	2655	2566	1617	2282	2611	87.40%	80.87%
SEPTEMBER	1707	3049	3664	3716	3723	3560	2207	3131	3558	88.00%	110.96%
OCTOBER	1841	3319	3792	3891	3817	3821	2848	3285	3733	88.00%	116.41%
NOVEMBER	1741	3756	3797	3525	3045	3253	1960	3062	3503	87.41%	108.51%
DECEMBER	1856	3381	3446	3217	3222	3228	2434	2993	3289	91.00%	106.07%
DAILY AVE FOR YEAR	1580	3066	3296	3285	3235	3248	1979	2822	3228	87.41%	